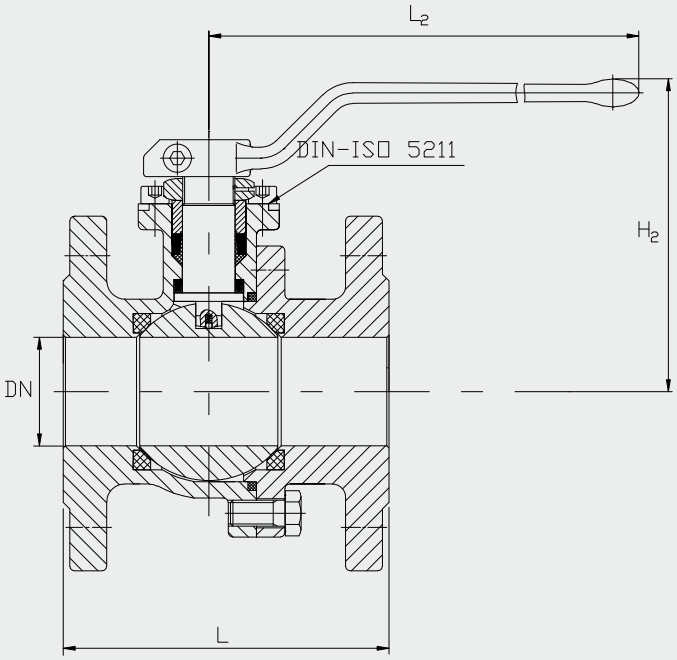
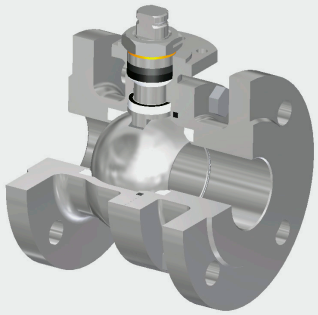
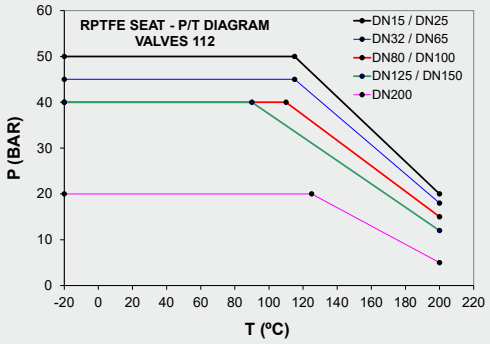
FHT VALVES
FLOW EXPERIENCE

SOFT SEATED, TWO PIECE FLOATING BALL VALVE
DN15-DN200 PN16
DOUBLE PACKING & DOUBLE STEM SEAL

FIG. FHT-112-D16







During the initial cycles following extended periods of inactivity, breakaway torques may increase by around 50%

*LP = LONG PATTERN | SP = SHORT PATTERN

DN	L LP (MM)	L SP (MM)	H2 (MM)	L2 (MM)	TOP FLANGE ISO	WEIGHT LP (KG)	WEIGHT SP (KG)	TORQUE (NM*)
15	130	115	95	160	F05	2.9	3	9
20	150	120	101	160	F05	3.7	3.9	10
25	160	125	115	180	F05	4.6	4.9	13
32	180	130	125	180	F05	6.4	8	19
40	200	140	135	300	F07	8.5	9.6	33
50	230	150	145	300	F07	11.1	12.7	40
65	290	170	157	300	F07	16.4	18.4	60
80	310	180	197	450	F10	22.3	23.8	105
100	350	190	212	450	F10	33.5	37.8	145
125	400	325	230	800	F12	56	67	220
150	480	350	263	800	F12	80	83	350
200	600	400	310	800	F14	152	152	-

*Values for PTFE + 25% FG seats as standard tested with water at room temperature. It may change depending on seat materials. 1.3~1.5 Safety Factor is recommended for actuation.

STANDARDS	
DESIGN	EN12516-1&2 ANSI B16.34&API 6D
FACE TO FACE	EN558-1
FLANGED ENDS	EN 1092-1
TOP FLANGE	ISO 5211
PRESSURE TESTS	EN12266-1/API 598/API 6D
VISUAL INSPECTION	MSS-SP-55

MAIN FEATURES

Bidirectional
Split body
Flanged Ends
Full bore
Floating ball
Soft seat
Pressure relieving seats
Anti blow out stem
Antistatic device
Locking device
Fire Safe

MATERIALS	
BODY	Carbon steel , stainless steel, Duplex, Superduplex, Exotic materials...
TRIM	Stainless steel, Duplex, Superduplex, Exotic materials...
SEATS	PTFE, Reinforced PTFE, Viton, Nylon, Kelf, Devlon...
SPECIAL REQUIREMENTS	Heating jacket, cryogenic designs, all kind of operated, painting and coating

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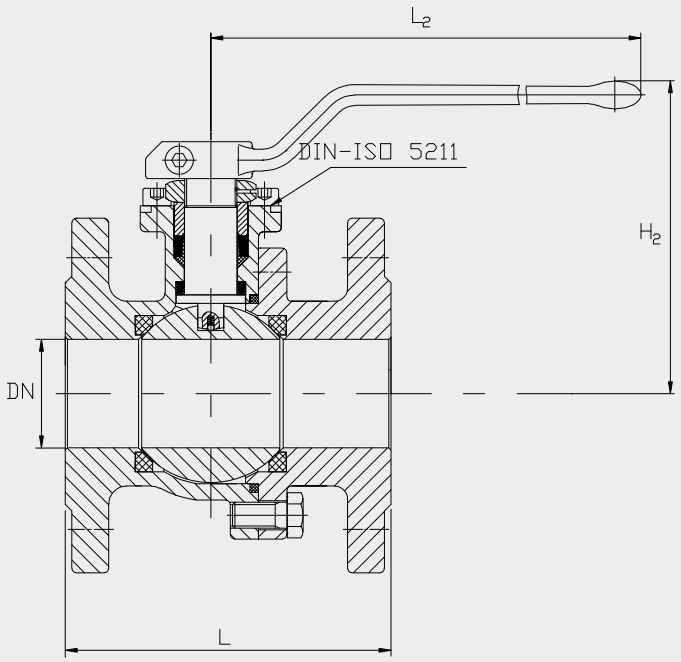
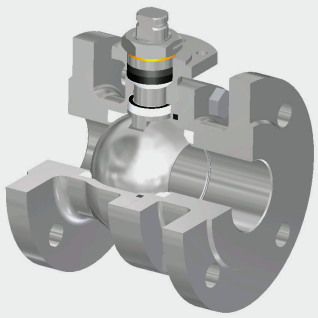
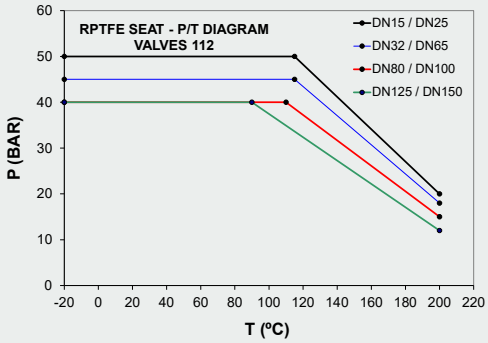
FHT VALVES
FLOW EXPERIENCE

SOFT SEATED, TWO PIECE FLOATING BALL VALVE
DN15-DN200 PN40
DOUBLE PACKING & DOUBLE STEM SEAL

FIG. FHT-112-D40







During the initial cycles following extended periods of inactivity, breakaway torques may increase by around 50%

*LP = LONG PATTERN | SP = SHORT PATTERN

DN	L R1 (MM)	L R27 (MM)	H2 (MM)	L2 (MM)	TOP FLANGE ISO	WEIGHT R1 (KG)	WEIGHT R27 (KG)	TORQUE (NM*)
15	130	115	95	160	F05	3	2.9	15
20	150	120	101	160	F05	3.9	3.7	18
25	160	125	115	180	F05	4.9	4.7	20
32	180	130	125	180	F05	8	6.4	32
40	200	140	135	300	F07	9.6	8.5	42
50	230	150	145	300	F07	12.7	11.9	60
65	290	170	157	300	F07	18.4	16.4	80
80	310	180	197	450	F10	23.8	24.3	140
100	350	190	212	450	F10	37.8	33.5	220
125	400	325	230	800	F12	67	56	-
150	480	350	263	800	F12	83	80	-
200	600	400	310	800	F14	-	152	-

*Values for PTFE + 25% FG seats as standard tested with water at room temperature. It may change depending on seat materials. 1.3~1.5 Safety Factor is recommended for actuation.

STANDARDS	
DESIGN	EN12516-1&2 ANSI B16.34&API 6D
FACE TO FACE	EN558-1
FLANGED ENDS	EN 1092-1
TOP FLANGE	ISO 5211
PRESSURE TESTS	EN12266-1/API 598/API 6D
VISUAL INSPECTION	MSS-SP-55

MAIN FEATURES

Bidirectional
Split body
Flanged Ends
Full bore
Floating ball
Soft seat
Pressure relieving seats
Anti blow out stem
Antistatic device
Locking device
Fire Safe

MATERIALS	
BODY	Carbon steel , stainless steel, Duplex, Superduplex, Exotic materials...
TRIM	Stainless steel, Duplex, Superduplex, Exotic materials...
SEATS	PTFE, Reinforced PTFE, Viton, Nylon, Kelf, Devlon...
SPECIAL REQUIREMENTS	Heating jacket, cryogenic designs, all kind of operated, painting and coating

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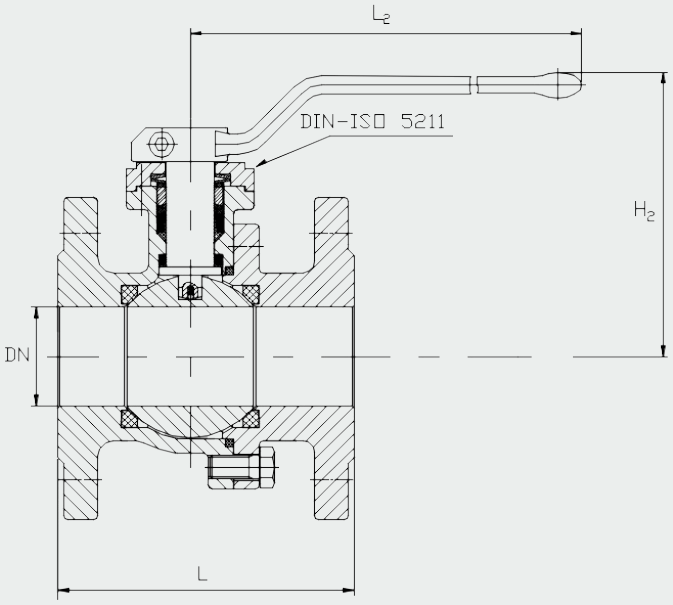
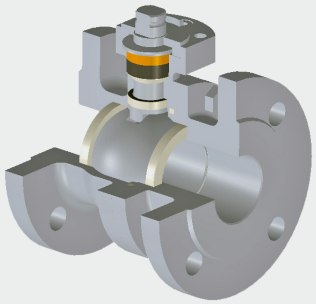
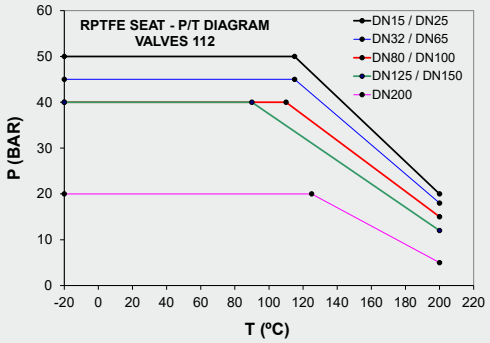
FHT VALVES
FLOW EXPERIENCE

SOFT SEATED, TWO PIECE FLOATING BALL VALVE
DN15-DN150 PN16
DOUBLE PACKING & DOUBLE STEM SEAL, FIRE SAFE, COVER FLANGE

FIG. FHT-112 TP FS-D16







During the initial cycles following extended periods of inactivity, breakaway torques may increase by around 50%

*LP = LONG PATTERN | SP = SHORT PATTERN

DN	L LP (MM)	L SP (MM)	H2 (MM)	L2 (MM)	TOP FLANGE ISO	WEIGHT LP (KG)	WEIGHT SP (KG)	TORQUE (NM*)
15	130	115	95	160	F05	2.9	3	9
20	150	120	101	160	F05	3.7	3.9	10
25	160	125	115	180	F05	4.6	4.9	13
32	180	130	125	180	F05	6.4	8	19
40	200	140	135	300	F07	8.5	9.6	33
50	230	150	145	300	F07	11.1	12.7	40
65	290	170	157	300	F07	16.4	18.4	60
80	310	180	197	450	F10	22.3	23.8	105
100	350	190	212	450	F10	33.5	37.8	145
125	400	325	230	800	F12	56	67	220
150	480	350	263	800	F12	80	83	350

*Values for PTFE + 25% FG seats as standard tested with water at room temperature. It may change depending on seat materials. 1.3~1.5 Safety Factor is recommended for actuation.

STANDARDS	
DESIGN	EN12516-1&2 ANSI B16.34&API 6D
FACE TO FACE	EN558-1
FLANGED ENDS	EN 1092-1
TOP FLANGE	ISO 5211
PRESSURE TESTS	EN12266-1/API 598/API 6D
VISUAL INSPECTION	MSS-SP-55

MAIN FEATURES

Bidirectional
Split body
Flanged Ends
Full bore
Floating ball
Soft seat
Pressure relieving seats
Anti blow out stem
Antistatic device
Locking device
Fire Safe

MATERIALS	
BODY	Carbon steel , stainless steel, Duplex, Superduplex, Exotic materials...
TRIM	Stainless steel, Duplex, Superduplex, Exotic materials...
SEATS	PTFE, Reinforced PTFE, Viton, Nylon, Kelf, Devlon...
SPECIAL REQUIREMENTS	Heating jacket, cryogenic designs, all kind of operated, painting and coating

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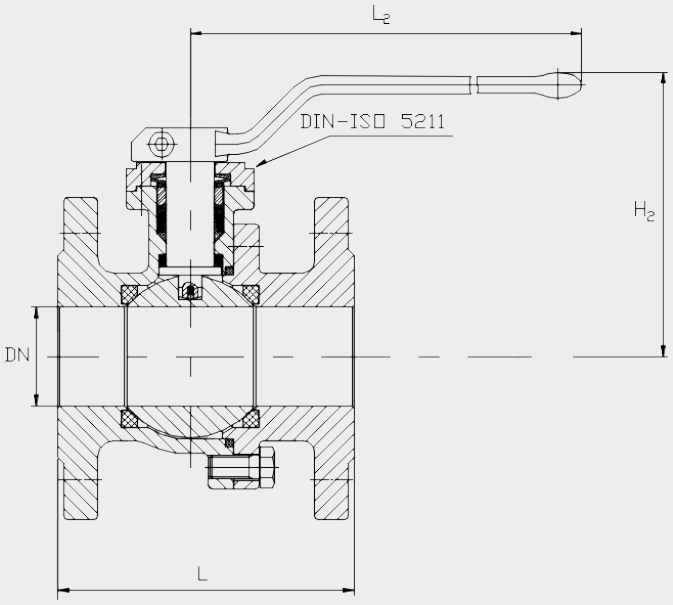
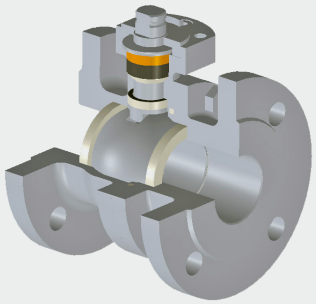
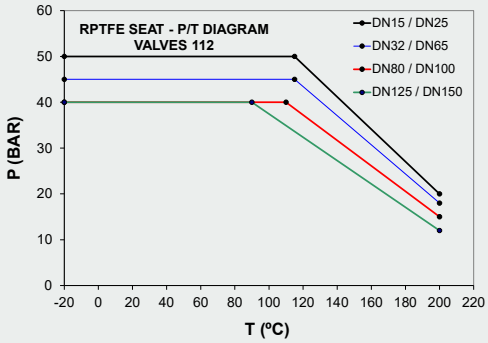
FHT VALVES
FLOW EXPERIENCE

SOFT SEATED, TWO PIECE FLOATING BALL VALVE
DN15-DN150 PN40
DOUBLE PACKING & DOUBLE STEM SEAL, FIRE SAFE, COVER FLANGE

FIG. FHT-112 TP FS-D40







During the initial cycles following extended periods of inactivity, breakaway torques may increase by around 50%

*LP = LONG PATTERN | SP = SHORT PATTERN

DN	L R1 (MM)	L R27 (MM)	H2 (MM)	L2 (MM)	TOP FLANGE ISO	WEIGHT R1 (KG)	WEIGHT R27 (KG)	TORQUE (NM*)
15	130	115	95	160	F05	3	2.9	15
20	150	120	101	160	F05	3.9	3.7	18
25	160	125	115	180	F05	4.9	4.7	20
32	180	130	125	180	F05	8	6.4	32
40	200	140	135	300	F07	9.6	8.5	42
50	230	150	145	300	F07	12.7	11.9	60
65	290	170	157	300	F07	18.4	16.4	80
80	310	180	197	450	F10	23.8	24.3	140
100	350	190	212	450	F10	37.8	33.5	220
125	400	325	230	800	F12	67	56	-
150	480	350	263	800	F12	83	80	-

*Values for PTFE + 25% FG seats as standard tested with water at room temperature. It may change depending on seat materials. 1.3~1.5 Safety Factor is recommended for actuation.

STANDARDS	
DESIGN	EN12516-1&2 ANSI B16.34&API 6D
FACE TO FACE	EN558-1
FLANGED ENDS	EN 1092-1
TOP FLANGE	ISO 5211
PRESSURE TESTS	EN12266-1/API 598/API 6D
VISUAL INSPECTION	MSS-SP-55

MAIN FEATURES
Bidirectional Split body Flanged Ends Full bore Floating ball Soft seat Pressure relieving seats Anti blow out stem Antistatic device Locking device Fire Safe

MATERIALS	
BODY	Carbon steel , stainless steel, Duplex, Superduplex, Exotic materials...
TRIM	Stainless steel, Duplex, Superduplex, Exotic materials...
SEATS	PTFE, Reinforced PTFE, Viton, Nylon, Kelf, Devlon...
SPECIAL REQUIREMENTS	Heating jacket, cryogenic designs, all kind of operated, painting and coating

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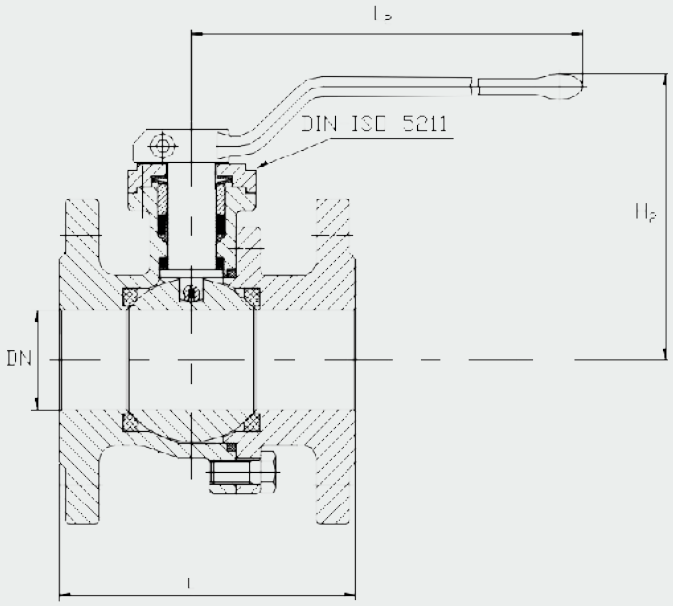
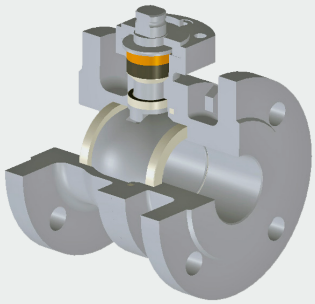
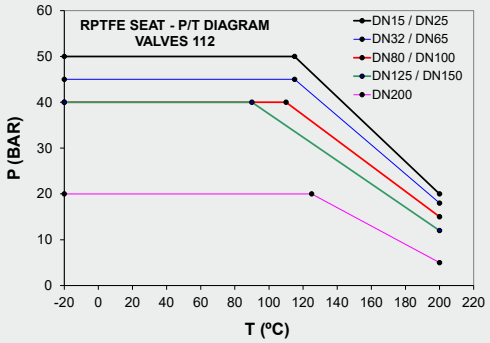
FHT VALVES
FLOW EXPERIENCE

SOFT SEATED, TWO PIECE FLOATING BALL VALVE
DN15-DN150 PN16
DOUBLE PACKING & DOUBLE STEM SEAL, COVER FLANGE

FIG. FHT-112 TP-D16







During the initial cycles following extended periods of inactivity, breakaway torques may increase by around 50%

*LP = LONG PATTERN | SP = SHORT PATTERN

DN	L LP (MM)	L SP (MM)	H2 (MM)	L2 (MM)	TOP FLANGE ISO	WEIGHT LP (KG)	WEIGHT SP (KG)	TORQUE (NM*)
15	130	115	95	160	F05	2.9	3	9
20	150	120	101	160	F05	3.7	3.9	10
25	160	125	115	180	F05	4.6	4.9	13
32	180	130	125	180	F05	6.4	8	19
40	200	140	135	300	F07	8.5	9.6	33
50	230	150	145	300	F07	11.1	12.7	40
65	290	170	157	300	F07	16.4	18.4	60
80	310	180	197	450	F10	22.3	23.8	105
100	350	190	212	450	F10	33.5	37.8	145
125	400	325	230	800	F12	56	67	220
150	480	350	263	800	F12	80	83	350

*Values for PTFE + 25% FG seats as standard tested with water at room temperature. It may change depending on seat materials. 1.3~1.5 Safety Factor is recommended for actuation.

STANDARDS	
DESIGN	EN12516-1&2 ANSI B16.34&API 6D
FACE TO FACE	EN558-1
FLANGED ENDS	EN 1092-1
TOP FLANGE	ISO 5211
PRESSURE TESTS	EN12266-1/API 598/API 6D
VISUAL INSPECTION	MSS-SP-55

MAIN FEATURES
Bidirectional
Split body
Flanged Ends
Full bore
Floating ball
Soft seat
Pressure relieving seats
Anti blow out stem
Antistatic device
Locking device

MATERIALS	
BODY	Carbon steel , stainless steel, Duplex, Superduplex, Exotic materials...
TRIM	Stainless steel, Duplex, Superduplex, Exotic materials...
SEATS	PTFE, Reinforced PTFE, Viton, Nylon, Kelf, Devlon...
SPECIAL REQUIREMENTS	Heating jacket, cryogenic designs, all kind of operated, painting and coating

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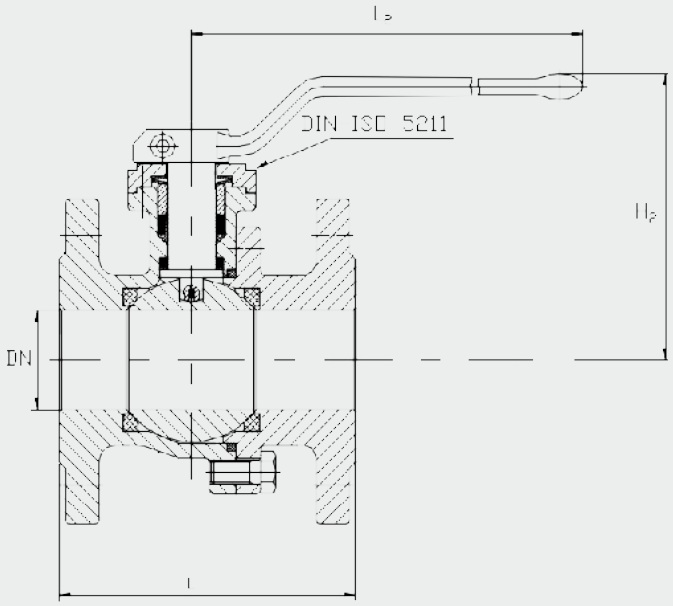
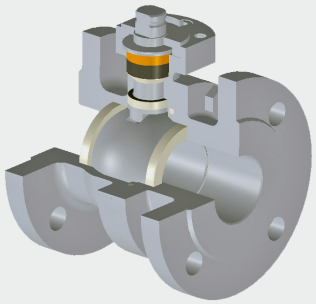
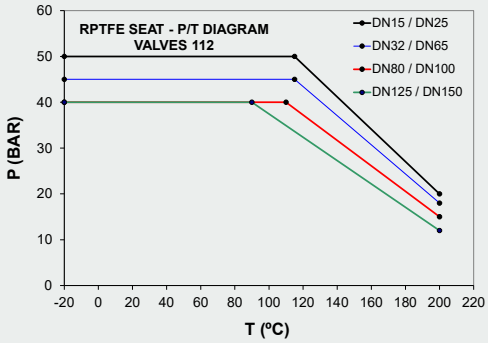
FHT VALVES
FLOW EXPERIENCE

SOFT SEATED, TWO PIECE FLOATING BALL VALVE
DN15-DN150 PN40
DOUBLE PACKING & DOUBLE STEM SEAL, COVER FLANGE

FIG. FHT-112 TP-D40







During the initial cycles following extended periods of inactivity, breakaway torques may increase by around 50%

*LP = LONG PATTERN | SP = SHORT PATTERN

DN	L R1 (MM)	L R27 (MM)	H2 (MM)	L2 (MM)	TOP FLANGE ISO	WEIGHT R1 (KG)	WEIGHT R27 (KG)	TORQUE (NM*)
15	130	115	95	160	F05	3	2.9	15
20	150	120	101	160	F05	3.9	3.7	18
25	160	125	115	180	F05	4.9	4.7	20
32	180	130	125	180	F05	8	6.4	32
40	200	140	135	300	F07	9.6	8.5	42
50	230	150	145	300	F07	12.7	11.9	60
65	290	170	157	300	F07	18.4	16.4	80
80	310	180	197	450	F10	23.8	24.3	140
100	350	190	212	450	F10	37.8	33.5	220
125	400	325	230	800	F12	67	56	-
150	480	350	263	800	F12	83	80	-

*Values for PTFE + 25% FG seats as standard tested with water at room temperature. It may change depending on seat materials. 1.3~1.5 Safety Factor is recommended for actuation.

STANDARDS	
DESIGN	EN12516-1&2 ANSI B16.34&API 6D
FACE TO FACE	EN558-1
FLANGED ENDS	EN 1092-1
TOP FLANGE	ISO 5211
PRESSURE TESTS	EN12266-1/API 598/API 6D
VISUAL INSPECTION	MSS-SP-55

MAIN FEATURES
Bidirectional
Split body
Flanged Ends
Full bore
Floating ball
Soft seat
Pressure relieving seats
Anti blow out stem
Antistatic device
Locking device

MATERIALS	
BODY	Carbon steel , stainless steel, Duplex, Superduplex, Exotic materials...
TRIM	Stainless steel, Duplex, Superduplex, Exotic materials...
SEATS	PTFE, Reinforced PTFE, Viton, Nylon, Kelf, Devlon...
SPECIAL REQUIREMENTS	Heating jacket, cryogenic designs, all kind of operated, painting and coating

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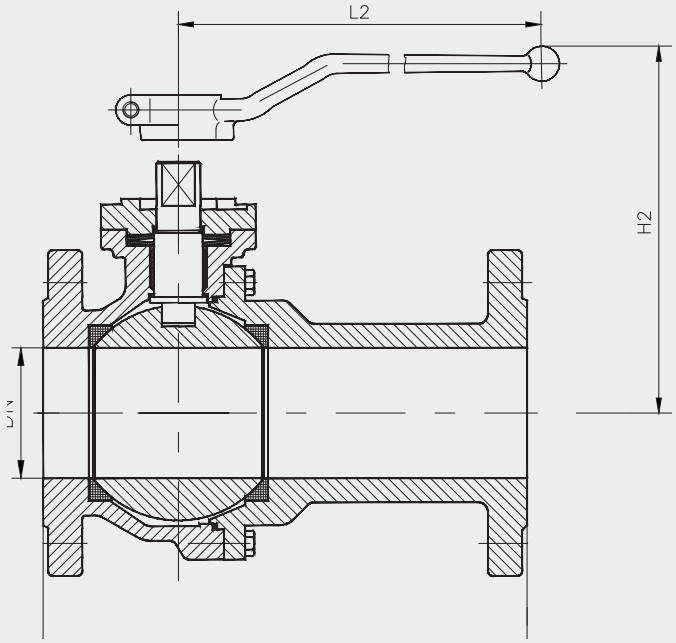
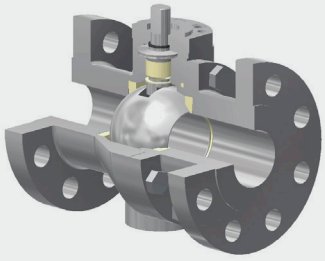
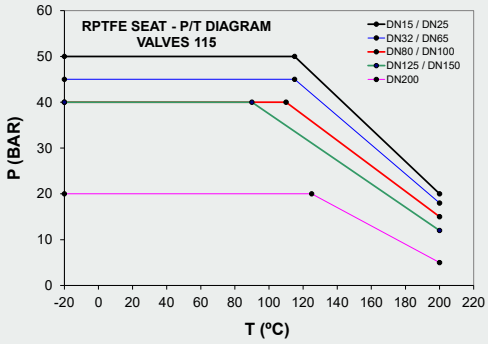
FHT VALVES
FLOW EXPERIENCE

SOFT SEATED, TWO PIECE FLOATING BALL VALVE
DN15-DN150 PN16
AUTOADJUSTABLE PACKING

FIG. FHT-115-D16







During the initial cycles following extended periods of inactivity, breakaway torques may increase by around 50%

*LP = LONG PATTERN | SP = SHORT PATTERN

DN	L LP (MM)	L SP (MM)	H2 (MM)	L2 (MM)	TOP FLANGE ISO	WEIGHT LP (KG)	WEIGHT SP (KG)	TORQUE (NM*)
15	130	115	105	180	F05	4,5	4	9
20	150	120	108	180	F05	6,4	5,9	13
25	160	125	112	180	F05	7,4	6,7	17
32	180	130	118	180	F05	11	9,25	24
40	200	140	137	300	F07	15,75	12,9	30
50	230	150	143	300	F07	16,8	16,1	43
65	290	170	153	300	F07	26,1	20,2	66
80	310	180	155	450	F10	27	24,7	102
100	350	190	170	450	F10	34	37,2	150
125	400	325	230	800	F12	60,4	52,8	230
150	480	350	263	800	F12	81	76,1	325

*Values for PTFE + 25% FG seats as standard tested with water at room temperature. It may change depending on seat materials. 1.3~1.5 Safety Factor is recommended for actuation.

STANDARDS	
DESIGN	EN12516-1&2 ANSI B16.34&API 6D
FACE TO FACE	ASME B16.10
FLANGED ENDS	ASME B16.5
TOP FLANGE	ISO 5211
PRESSURE TESTS	EN12266-1/API 598/API 6D
VISUAL INSPECTION	MSS-SP-55

MAIN FEATURES

Bidirectional
Split body
Flanged Ends
Full bore
Floating ball
Soft seat
Pressure relieving seats
Anti blow out stem
Antistatic device
Locking device
Fire Safe
Autoadjustable Packing

MATERIALS	
BODY	Carbon steel , stainless steel, Duplex, Superduplex, Exotic materials...
TRIM	Stainless steel, Duplex, Superduplex, Exotic materials...
SEATS	PTFE, Reinforced PTFE, Viton, Nylon, Kelf, Devlon...
SPECIAL REQUIREMENTS	Heating jacket, cryogenic designs, all kind of operated, painting and coating

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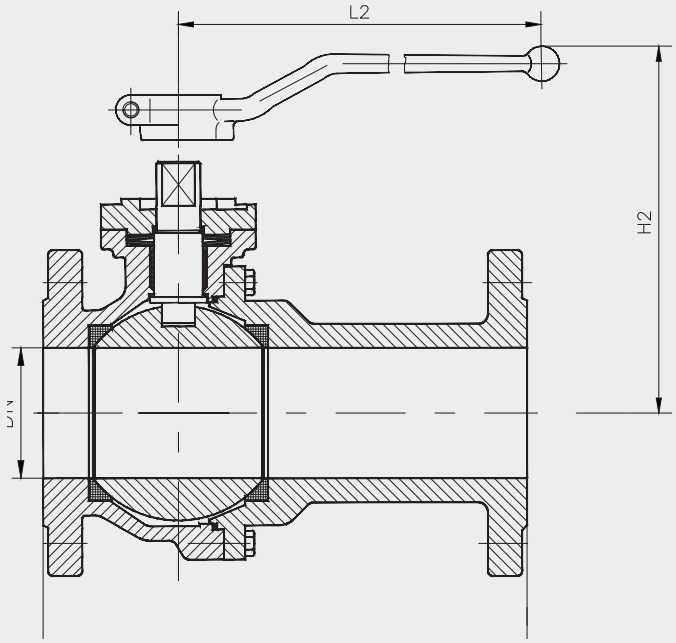
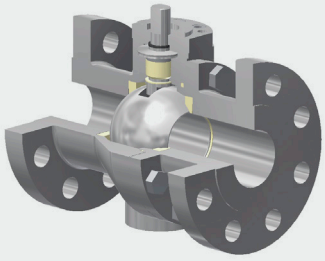
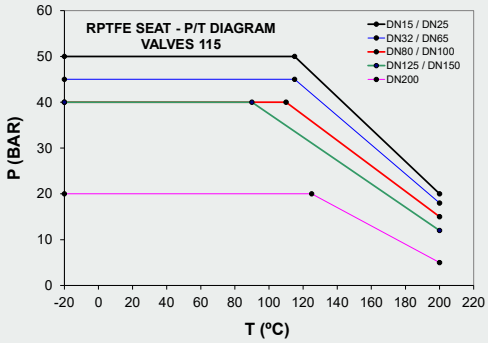
FHT VALVES
FLOW EXPERIENCE

SOFT SEATED, TWO PIECE FLOATING BALL VALVE
DN15-DN150 PN40
AUTOADJUSTABLE PACKING

FIG. FHT-115-D40







During the initial cycles following extended periods of inactivity, breakaway torques may increase by around 50%

*LP = LONG PATTERN | SP = SHORT PATTERN

DN	L R1 (MM)	L R27 (MM)	H2 (MM)	L2 (MM)	TOP FLANGE ISO	WEIGHT R1 (KG)	WEIGHT R27 (KG)	TORQUE (NM*)
15	130	115	105	180	F05	4,5	4	12
20	150	120	108	180	F05	6,4	5,9	15
25	160	125	112	180	F05	7,4	6,7	17
32	180	130	118	180	F05	11	9,25	34
40	200	140	137	300	F07	15,75	12,9	45
50	230	150	143	300	F07	16,8	16,1	57
65	290	170	153	300	F07	26,1	20,2	70
80	310	180	155	450	F10	27	24,7	120
100	350	190	170	450	F10	40,3	36,7	200
125	400	325	230	800	F12	65,5	59,7	380
150	480	350	263	800	F12	89	81	620

*Values for PTFE + 25% FG seats as standard tested with water at room temperature. It may change depending on seat materials. 1.3~1.5 Safety Factor is recommended for actuation.

STANDARDS	
DESIGN	EN12516-1&2 ANSI B16.34&API 6D
FACE TO FACE	ASME B16.10
FLANGED ENDS	ASME B16.5
TOP FLANGE	ISO 5211
PRESSURE TESTS	EN12266-1/API 598/API 6D
VISUAL INSPECTION	MSS-SP-55

MAIN FEATURES
Bidirectional Split body Flanged Ends Full bore Floating ball Soft seat Pressure relieving seats Anti blow out stem Antistatic device Locking device Fire Safe Autoadjustable Packing

MATERIALS	
BODY	Carbon steel , stainless steel, Duplex, Superduplex, Exotic materials...
TRIM	Stainless steel, Duplex, Superduplex, Exotic materials...
SEATS	PTFE, Reinforced PTFE, Viton, Nylon, Kelf, Devlon...
SPECIAL REQUIREMENTS	Heating jacket, cryogenic designs, all kind of operated, painting and coating

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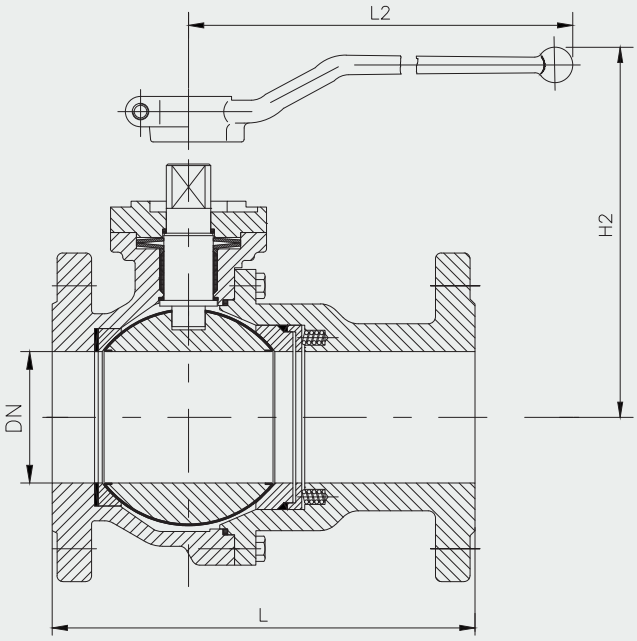
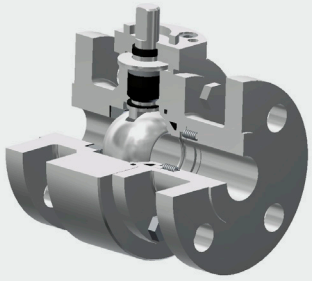
FHT VALVES
FLOW EXPERIENCE

METAL SEATED, TWO PIECE FLOATING BALL VALVE
DN15-DN150 PN16
AUTOADJUSTABLE PACKING, SPRING LOADED

FIG. FHT-114-D16





During the initial cycles following extended periods of inactivity, breakaway torques may increase by around 50%

*LP = LONG PATTERN | SP = SHORT PATTERN

DN	L LP (MM)	L SP (MM)	H2 (MM)	L2 (MM)	TOP FLANGE ISO	WEIGHT LP (KG)	WEIGHT SP (KG)	TORQUE (NM*)
15	130	115	95	160	F05	4,5	4	20
20	150	120	101	160	F05	6,4	5,9	26
25	160	125	115	180	F05	7,4	6,7	27
32	180	130	125	180	F05	11	9,25	50
40	200	140	135	282	F07	15,75	12,9	70
50	230	150	145	282	F07	16,8	16,1	88
65	290	170	157	282	F07	26,1	20,2	110
80	310	180	197	450	F10	27	24,7	234
100	350	190	212	450	F10	34	37,2	330
125	400	325	230	800	F12	60,4	52,8	580
150	480	350	263	800	F12	81	76,1	820

*Values for PTFE + 25% FG seats as standard tested with water at room temperature. It may change depending on seat materials. 1.3~1.5 Safety Factor is recommended for actuation.

STANDARDS	
DESIGN	EN12516-1&2 ANSI B16.34&API 6D
FACE TO FACE	ASME B16.10
FLANGED ENDS	ASME B16.5
TOP FLANGE	ISO 5211
PRESSURE TESTS	EN12266-1/API 598/API 6D
VISUAL INSPECTION	MSS-SP-55

MAIN FEATURES

Bidirectional
Split body
Flanged Ends
Full bore
Floating ball
Metal seat
Pressure relieving seats
Anti blow out stem
Antistatic device
Locking device
Fire Safe
Autoadjustable Packing

MATERIALS	
BODY	Carbon steel , stainless steel, Duplex, Superduplex, Exotic materials...
TRIM	Stainless steel, Duplex, Superduplex, Exotic materials...
SEATS	PTFE, Reinforced PTFE, Viton, Nylon, Kelf, Devlon...
SPECIAL REQUIREMENTS	Heating jacket, cryogenic designs, all kind of operated, painting and coating

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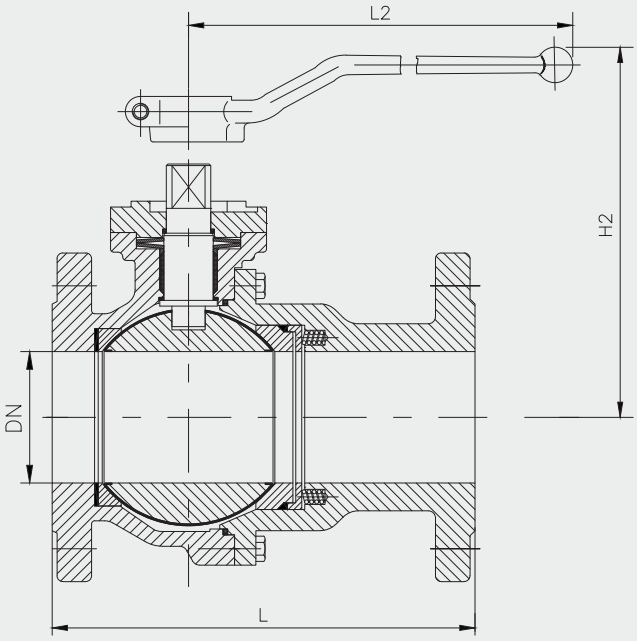
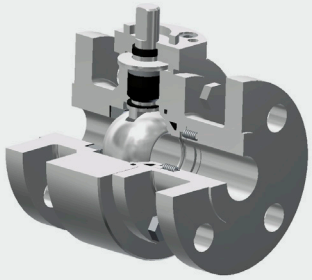
FHT VALVES
FLOW EXPERIENCE

METAL SEATED, TWO PIECE FLOATING BALL VALVE
DN15-DN200 PN40
AUTOADJUSTABLE PACKING, SPRING LOADED

FIG. FHT-114-D40





During the initial cycles following extended periods of inactivity, breakaway torques may increase by around 50%

*LP = LONG PATTERN | SP = SHORT PATTERN

DN	L R1 (MM)	L R27 (MM)	H2 (MM)	L2 (MM)	TOP FLANGE ISO	WEIGHT R1 (KG)	WEIGHT R27 (KG)	TORQUE (NM*)
15	130	115	95	160	F05	4,5	4	32
20	150	120	101	160	F05	6,4	5,9	41
25	160	125	115	180	F05	7,4	6,7	52
32	180	130	125	180	F05	11	9,25	63
40	200	140	135	282	F07	15,75	12,9	130
50	230	150	145	282	F07	16,8	16,1	210
65	290	170	157	282	F07	26,1	20,2	315
80	310	180	197	450	F10	27	24,7	650
100	350	190	212	450	F10	40,3	36,7	920
125	400	325	230	800	F12	65,5	59,7	1400
150	480	350	263	800	F12	89	81	1970

*Values for PTFE + 25% FG seats as standard tested with water at room temperature. It may change depending on seat materials. 1.3~1.5 Safety Factor is recommended for actuation.

STANDARDS	
DESIGN	EN12516-1&2 ANSI B16.34&API 6D
FACE TO FACE	ASME B16.10
FLANGED ENDS	ASME B16.5
TOP FLANGE	ISO 5211
PRESSURE TESTS	EN12266-1/API 598/API 6D
VISUAL INSPECTION	MSS-SP-55

MAIN FEATURES

Bidirectional
Split body
Flanged Ends
Full bore
Floating ball
Metal seat
Pressure relieving seats
Anti blow out stem
Antistatic device
Locking device
Fire Safe
Autoadjustable Packing

MATERIALS	
BODY	Carbon steel , stainless steel, Duplex, Superduplex, Exotic materials...
TRIM	Stainless steel, Duplex, Superduplex, Exotic materials...
SEATS	PTFE, Reinforced PTFE, Viton, Nylon, Kelf, Devlon...
SPECIAL REQUIREMENTS	Heating jacket, cryogenic designs, all kind of operated, painting and coating

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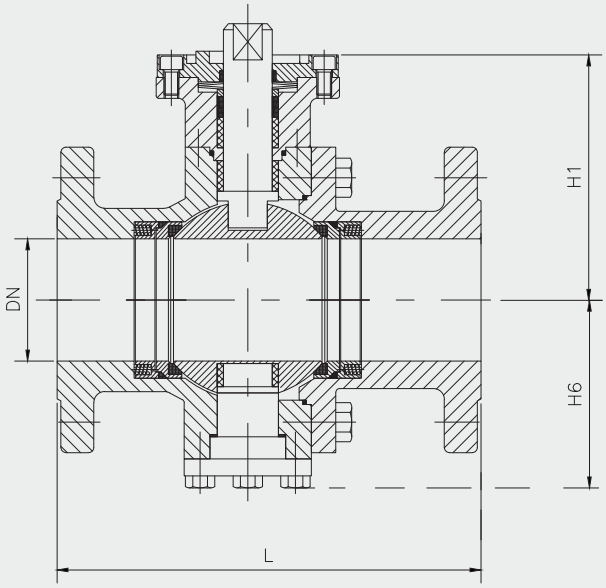
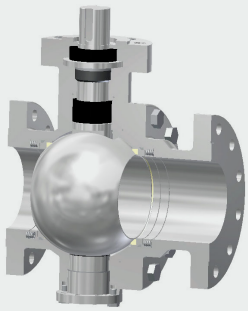
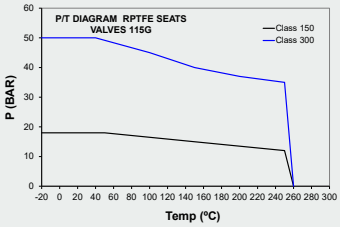
FHT VALVES
FLOW EXPERIENCE

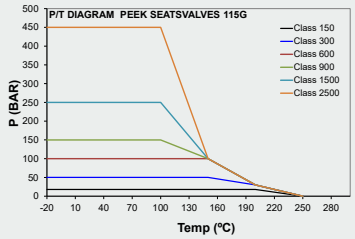
SOFT SEATED, TWO PIECE TRUNNION BALL VALVE
DN15-DN200 PN16
AUTOADJUSTABLE PACKING, SPRING LOADED

FIG. FHT-115G-D16









*LP = LONG PATTERN | SP = SHORT PATTERN

DN	L LP (MM)	L SP (MM)	H1 (MM)	H6 (MM)	TOP FLANGE ISO	WEIGHT LP (KG)	WEIGHT SP (KG)	TORQUE (NM*)
15	130	115	80	65	F07	9,1	-	20
20	150	120	80	65	F07	10,2	-	20
25	160	125	80	65	F07	11	-	20
32	180	130	90	72	F07	18	-	45
40	200	140	125	91	F10	23	-	62
50	230	150	131.5	96	F10	28	-	80
65	290	170	142	103.5	F10	36	-	90
80	310	180	188.5	141	F12	58	-	160
100	350	190	200.5	151	F12	75	-	210
125	400	325	258	192	F16	-	115	350
150	480	350	277	205	F16	-	124	500
200	600	400	310	230	F16	-	188	780
250	730	450	351	270	F16	-	281	1100
300	850	500	386	295	F16	-	318	1650
350	980	550	415	348	F16	-	426	2258
400	1100	600	460	390	F25	-	855	3250
500	1200	650	579	466	F35	-	1350	5800

*Calculated based on normal ºC. To be used as a guide for actuator selection. 1.3~1.5 Safety Factor is recommended for actuator sizing. It may be changed depending on seat materials.

STANDARDS	
DESIGN	EN12516-1&2 ANSI B16.34&API 6D
FACE TO FACE	ASME B16.10
FLANGED ENDS	ASME B16.5
TOP FLANGE	ISO 5211
PRESSURE TESTS	EN12266-1/API 598/API 6D
VISUAL INSPECTION	MSS-SP-55

MAIN FEATURES
Bidirectional
Split body
Flanged Ends
Full bore
Trunnion ball
Soft seat
Pressure relieving seats
Anti blow out stem
Antistatic device
Locking device
Fire Safe
Autoadjustable Packing

MATERIALS	
BODY	Carbon steel , stainless steel, Duplex, Superduplex, Exotic materials...
TRIM	Stainless steel, Duplex, Superduplex, Exotic materials...
SEATS	PTFE, Reinforced PTFE, Viton, Nylon, Kelf, Devlon...
SPECIAL REQUIREMENTS	Heating jacket, cryogenic designs, all kind of operated, painting and coating

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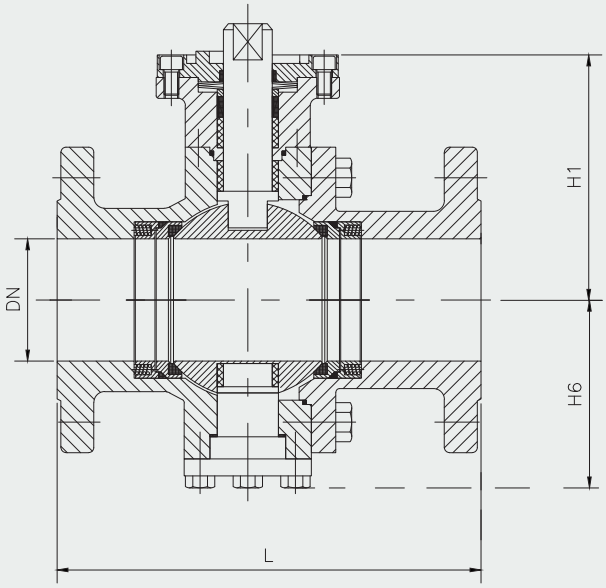
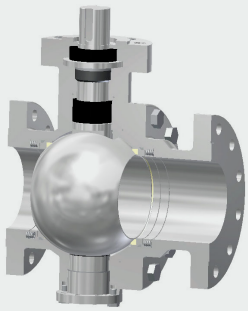
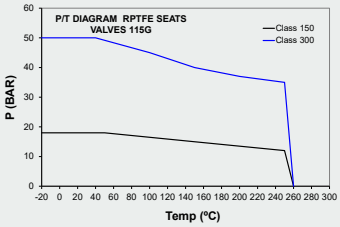
FHT VALVES
FLOW EXPERIENCE

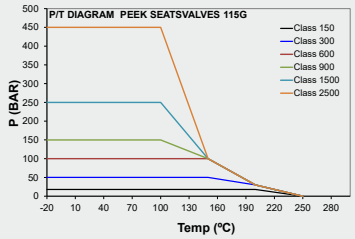
SOFT SEATED, TWO PIECE TRUNNION BALL VALVE
DN15-DN200 PN40
AUTOADJUSTABLE PACKING, SPRING LOADED

FIG. FHT-115G-D40









*LP = LONG PATTERN | SP = SHORT PATTERN

DN	L LP (MM)	L SP (MM)	H1 (MM)	H6 (MM)	TOP FLANGE ISO	WEIGHT LP (KG)	WEIGHT SP (KG)	TORQUE (NM*)
15	130	115	80	65	F07	9,1	-	35
20	150	120	80	65	F07	10,2	-	35
25	160	125	80	65	F07	11	-	35
32	180	130	90	72	F07	18	-	57
40	200	140	125	91	F10	23	-	88
50	230	150	131.5	96	F10	28	-	110
65	290	170	142	103.5	F10	36	-	150
80	310	180	188.5	141	F12	58	-	270
100	350	190	200.5	151	F12	82,5		350
125	400	325	258	192	F16	-	126,5	490
150	480	350	277	205	F16	-	136,4	850
200	600	400	310	230	F16	-	206,8	1420
250	730	450	351	270	F16	-	309,1	2315
300	850	500	386	295	F16	-	349,8	3800
350	980	550	415	348	F16	-	468,6	5300
400	1100	600	460	390	F25	-	940	6900
500	1200	650	579	466	F35	-	1485	11100

*Calculated based on normal ºC. To be used as a guide for actuator selection. 1.3~1.5 Safety Factor is recommended for actuator sizing. It may be changed depending on seat materials.

STANDARDS	
DESIGN	EN12516-1&2 ANSI B16.34&API 6D
FACE TO FACE	ASME B16.10
FLANGED ENDS	ASME B16.5
TOP FLANGE	ISO 5211
PRESSURE TESTS	EN12266-1/API 598/API 6D
VISUAL INSPECTION	MSS-SP-55

MAIN FEATURES

- Bidirectional
- Split body
- Flanged Ends
- Full bore
- Trunnion ball
- Soft seat
- Pressure relieving seats
- Anti blow out stem
- Antistatic device
- Locking device
- Fire Safe
- Autoadjustable Packing

MATERIALS	
BODY	Carbon steel , stainless steel, Duplex, Superduplex, Exotic materials...
TRIM	Stainless steel, Duplex, Superduplex, Exotic materials...
SEATS	PTFE, Reinforced PTFE, Viton, Nylon, Kelf, Devlon...
SPECIAL REQUIREMENTS	Heating jacket, cryogenic designs, all kind of operated, painting and coating

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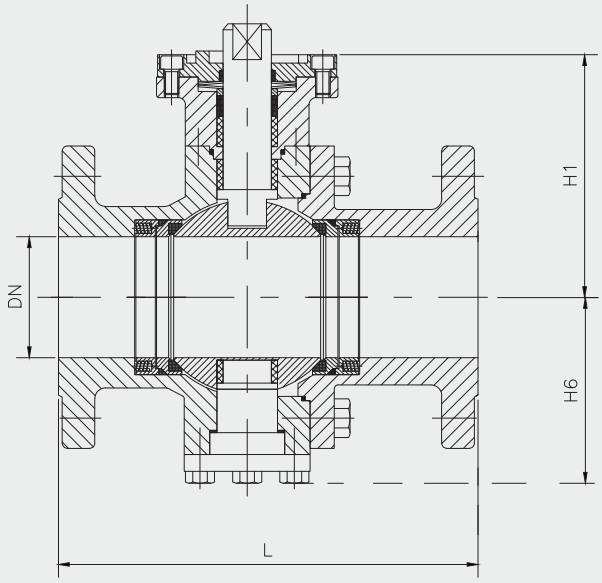
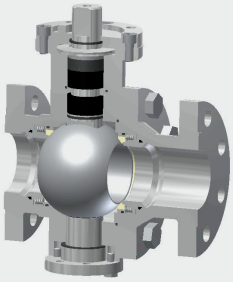
FHT VALVES
FLOW EXPERIENCE

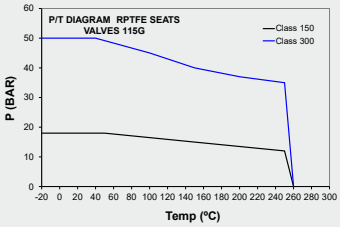
SOFT SEATED, TWO PIECE TRUNNION BALL VALVE DN15-DN500 PN16

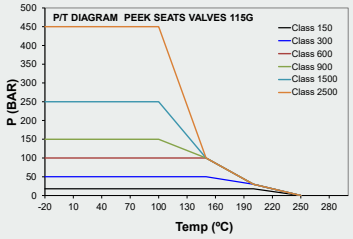
PROTECTED SEAT, AUTOADJUSTABLE PACKING, SPRING LOADED

FIG. FHT-117G-D16









*LP = LONG PATTERN | SP = SHORT PATTERN

DN	L LP (MM)	L SP (MM)	H1 (MM)	H6 (MM)	TOP FLANGE ISO	WEIGHT LP (KG)	WEIGHT SP (KG)	TORQUE (NM*)
15	130	115	80	65	F07	9,1	-	20
20	150	120	80	65	F07	10,2	-	20
25	160	125	80	65	F07	11	-	20
32	180	130	90	72	F07	18	-	45
40	200	140	125	91	F10	23	-	62
50	230	150	131.5	96	F10	28	-	80
65	290	170	142	103.5	F10	36	-	90
80	310	180	188.5	141	F12	58	-	160
100	350	190	200.5	151	F12	75	-	210
125	400	325	258	192	F16	-	115	350
150	480	350	277	205	F16	-	124	500
200	600	400	310	230	F16	-	188	780
250	730	450	351	270	F16	-	281	1100
300	850	500	386	295	F16	-	318	1650
350	980	550	415	348	F16	-	426	2258
400	1100	600	460	390	F25	-	855	3250
500	1200	650	579	466	F35	-	1350	5800

*Calculated based on normal ºC. To be used as a guide for actuator selection. 1.3~1.5 Safety Factor is recommended for actuator sizing. It may be changed depending on seat materials.

STANDARDS	
DESIGN	EN12516-1&2 ANSI B16.34&API 6D
FACE TO FACE	ASME B16.10
FLANGED ENDS	ASME B16.5
TOP FLANGE	ISO 5211
PRESSURE TESTS	EN12266-1/API 598/API 6D
VISUAL INSPECTION	MSS-SP-55

MAIN FEATURES

- Bidirectional
- Split body
- Flanged Ends
- Full bore
- Trunnion ball
- Soft seat
- Pressure relieving seats
- Anti blow out stem
- Antistatic device
- Locking device
- Fire Safe
- Autoadjustable Packing

MATERIALS	
BODY	Carbon steel , stainless steel, Duplex, Superduplex, Exotic materials...
TRIM	Stainless steel, Duplex, Superduplex, Exotic materials...
SEATS	PTFE, Reinforced PTFE, Viton, Nylon, Kelf, Devlon...
SPECIAL REQUIREMENTS	Heating jacket, cryogenic designs, all kind of operated, painting and coating

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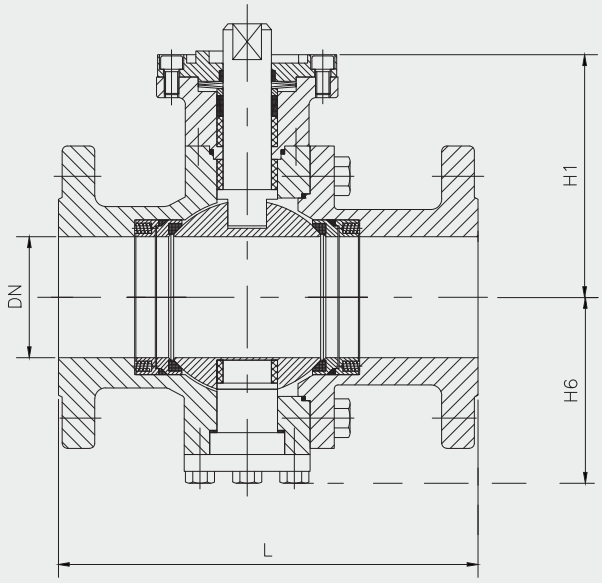
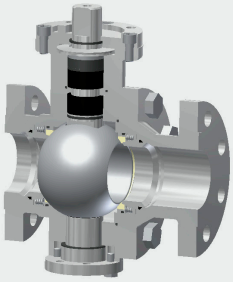
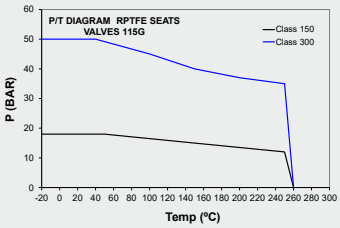
FHT VALVES
FLOW EXPERIENCE

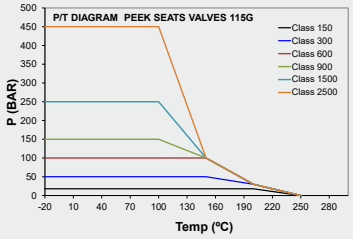
SOFT SEATED, TWO PIECE TRUNNION BALL VALVE
DN15-DN500 PN40
PROTECTED SEAT, AUTOADJUSTABLE PACKING, SPRING LOADED

FIG. FHT-117G-D40









*LP = LONG PATTERN | SP = SHORT PATTERN

DN	L LP (MM)	L SP (MM)	H1 (MM)	H6 (MM)	TOP FLANGE ISO	WEIGHT LP (KG)	WEIGHT SP (KG)	TORQUE (NM*)
15	130	115	80	65	F07	9,1	-	80
20	150	120	80	65	F07	10,2	-	90
25	160	125	80	65	F07	11	-	160
32	180	130	90	72	F07	18	-	210
40	200	140	125	91	F10	23	-	350
50	230	150	131.5	96	F10	28	-	500
65	290	170	142	103.5	F10	36	-	780
80	310	180	188.5	141	F12	58	-	1100
100	350	190	200.5	151	F12	82,5		1650
125	400	325	258	192	F16	-	126,5	2258
150	480	350	277	205	F16	-	136,4	325
200	600	400	310	230	F16	-	206,8	
250	730	450	351	270	F16	-	309,1	
300	850	500	386	295	F16	-	349,8	
350	980	550	415	348	F16	-	468,6	
400	1100	600	460	390	F25	-	940	
500	1200	650	579	466	F35	-	1485	

*Calculated based on normal ºC. To be used as a guide for actuator selection. 1.3~1.5 Safety Factor is recommended for actuator sizing. It may be changed depending on seat materials.

STANDARDS	
DESIGN	EN12516-1&2 ANSI B16.34&API 6D
FACE TO FACE	ASME B16.10
FLANGED ENDS	ASME B16.5
TOP FLANGE	ISO 5211
PRESSURE TESTS	EN12266-1/API 598/API 6D
VISUAL INSPECTION	MSS-SP-55

MAIN FEATURES
Bidirectional
Split body
Flanged Ends
Full bore
Trunnion ball
Soft seat
Pressure relieving seats
Anti blow out stem
Antistatic device
Locking device
Fire Safe
Autoadjustable Packing

MATERIALS	
BODY	Carbon steel , stainless steel, Duplex, Superduplex, Exotic materials...
TRIM	Stainless steel, Duplex, Superduplex, Exotic materials...
SEATS	PTFE, Reinforced PTFE, Viton, Nylon, Kelf, Devlon...
SPECIAL REQUIREMENTS	Heating jacket, cryogenic designs, all kind of operated, painting and coating

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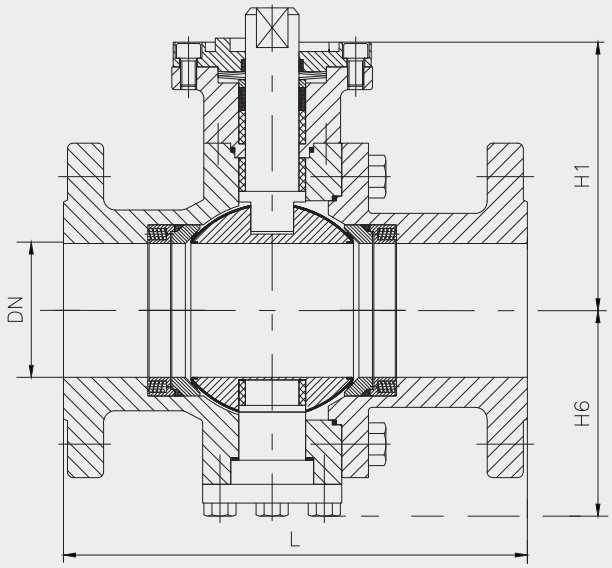
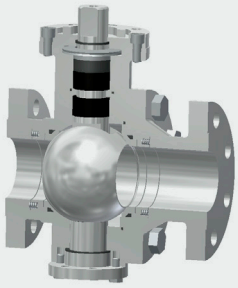
METAL SEATED, TWO PIECE TRUNNION BALL VALVE
DN25-DN500 PN16
AUTOADJUSTABLE PACKING, SPRING LOADED

FIG. FHT-116G-D16





*LP = LONG PATTERN | SP = SHORT PATTERN

DN	L LP (MM)	L SP (MM)	H1 (MM)	H6 (MM)	TOP FLANGE ISO	WEIGHT LP (KG)	WEIGHT SP (KG)	TORQUE (NM*)
15	130	115	80	65	F07	9,1	-	23
20	150	120	80	65	F07	10,2	-	23
25	160	125	80	65	F07	11	-	23
32	180	130	90	72	F07	18	-	52
40	200	140	125	91	F10	23	-	71
50	230	150	131.5	96	F10	28	-	92
65	290	170	142	103.5	F10	36	-	103
80	310	180	188.5	141	F12	58	-	184
100	350	190	200.5	151	F12	75	-	242
125	400	325	258	192	F16	-	115	402
150	480	350	277	205	F16	-	124	575
200	600	400	310	230	F16	-	188	895
250	730	450	351	270	F16	-	281	1265
300	850	500	386	295	F16	-	318	1898
350	980	550	415	348	F16	-	426	2596
400	1100	600	460	390	F25	-	855	3738
500	1200	650	579	466	F35	-	1350	6670

*Calculated based on normal ºC. To be used as a guide for actuator selection. 1.3~1.5 Safety Factor is recommended for actuator sizing. It may be changed depending on seat materials.

STANDARDS	
DESIGN	EN12516-1&2 ANSI B16.34&API 6D
FACE TO FACE	ASME B16.10
FLANGED ENDS	ASME B16.5
TOP FLANGE	ISO 5211
PRESSURE TESTS	EN12266-1/API 598/API 6D
VISUAL INSPECTION	MSS-SP-55

MAIN FEATURES

Bidirectional
Split body
Flanged Ends
Full bore
Trunnion ball
Metal seat
Pressure relieving seats
Anti blow out stem
Antistatic device
Locking device
Fire Safe
Autoadjustable Packing

MATERIALS	
BODY	Carbon steel , stainless steel, Duplex, Superduplex, Exotic materials...
TRIM	Stainless steel, Duplex, Superduplex, Exotic materials...
SEATS	PTFE, Reinforced PTFE, Viton, Nylon, Kelf, Devlon...
SPECIAL REQUIREMENTS	Heating jacket, cryogenic designs, all kind of operated, painting and coating

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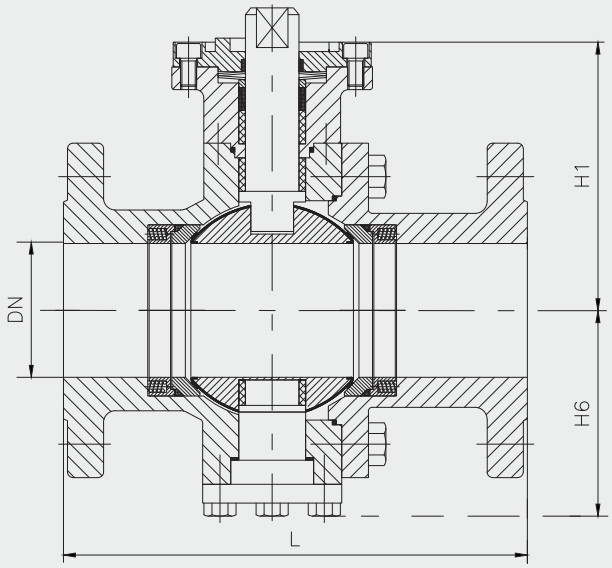
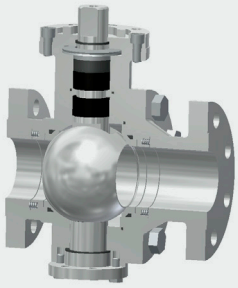
FHT VALVES
FLOW EXPERIENCE

METAL SEATED, TWO PIECE TRUNNION BALL VALVE
DN25-DN500 PN16
AUTOADJUSTABLE PACKING, SPRING LOADED

FIG. FHT-116G-D40





*LP = LONG PATTERN | SP = SHORT PATTERN

DN	L LP (MM)	L SP (MM)	H1 (MM)	H6 (MM)	TOP FLANGE ISO	WEIGHT LP (KG)	WEIGHT SP (KG)	TORQUE (NM*)
15	130	115	80	65	F07	9,1	-	40
20	150	120	80	65	F07	10,2	-	40
25	160	125	80	65	F07	11	-	40
32	180	130	90	72	F07	18	-	65
40	200	140	125	91	F10	23	-	102
50	230	150	131.5	96	F10	28	-	127
65	290	170	142	103.5	F10	36	-	172
80	310	180	188.5	141	F12	58	-	310
100	350	190	200.5	151	F12	82,5		402
125	400	325	258	192	F16	-	126,5	564
150	480	350	277	205	F16	-	136,4	978
200	600	400	310	230	F16	-	206,8	1633
250	730	450	351	270	F16	-	309,1	2662
300	850	500	386	295	F16	-	349,8	4370
350	980	550	415	348	F16	-	468,6	6095
400	1100	600	460	390	F25	-	940	7935
500	1200	650	579	466	F35	-	1485	12765

*Calculated based on normal ºC. To be used as a guide for actuator selection. 1.3~1.5 Safety Factor is recommended for actuator sizing. It may be changed depending on seat materials.

STANDARDS	
DESIGN	EN12516-1&2 ANSI B16.34&API 6D
FACE TO FACE	ASME B16.10
FLANGED ENDS	ASME B16.5
TOP FLANGE	ISO 5211
PRESSURE TESTS	EN12266-1/API 598/API 6D
VISUAL INSPECTION	MSS-SP-55

MAIN FEATURES

Bidirectional
Split body
Flanged Ends
Full bore
Trunnion ball
Metal seat
Pressure relieving seats
Anti blow out stem
Antistatic device
Locking device
Fire Safe
Autoadjustable Packing

MATERIALS	
BODY	Carbon steel , stainless steel, Duplex, Superduplex, Exotic materials...
TRIM	Stainless steel, Duplex, Superduplex, Exotic materials...
SEATS	PTFE, Reinforced PTFE, Viton, Nylon, Kelf, Devlon...
SPECIAL REQUIREMENTS	Heating jacket, cryogenic designs, all kind of operated, painting and coating

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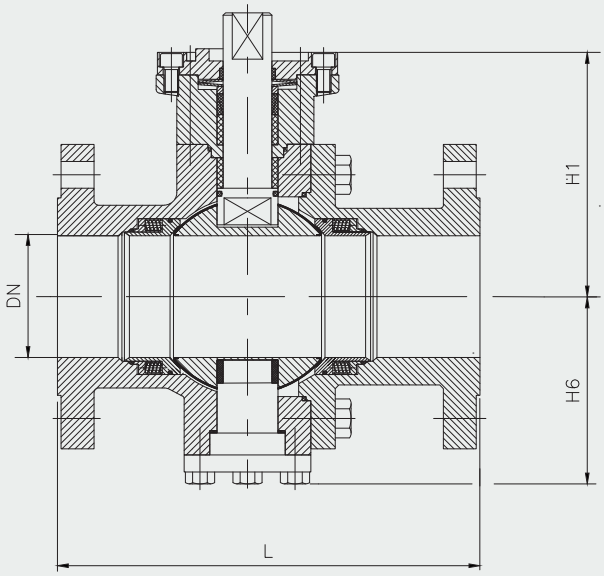
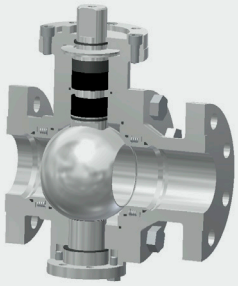
FHT VALVES
FLOW EXPERIENCE

METAL SEATED, TWO PIECE TRUNNION BALL VALVE
DN25-DN500 PN16
PROTECTED SEAT, AUTOADJUSTABLE PACKING, SPRING LOADED

FIG. FHT-118G-D16





*LP = LONG PATTERN | SP = SHORT PATTERN

DN	L LP (MM)	L SP (MM)	H1 (MM)	H6 (MM)	TOP FLANGE ISO	WEIGHT LP (KG)	WEIGHT SP (KG)	TORQUE (NM*)
15	130	115	80	65	F07	9,1	-	23
20	150	120	80	65	F07	10,2	-	23
25	160	125	80	65	F07	11	-	23
32	180	130	90	72	F07	18	-	52
40	200	140	125	91	F10	23	-	71
50	230	150	131.5	96	F10	28	-	92
65	290	170	142	103.5	F10	36	-	103
80	310	180	188.5	141	F12	58	-	184
100	350	190	200.5	151	F12	75	-	242
125	400	325	258	192	F16	-	115	402
150	480	350	277	205	F16	-	124	575
200	600	400	310	230	F16	-	188	895
250	730	450	351	270	F16	-	281	1265
300	850	500	386	295	F16	-	318	1898
350	980	550	415	348	F16	-	426	2596
400	1100	600	460	390	F25	-	855	3738
500	1200	650	579	466	F35	-	1350	6670

*Calculated based on normal ºC. To be used as a guide for actuator selection. 1.3~1.5 Safety Factor is recommended for actuator sizing. It may be changed depending on seat materials.

STANDARDS	
DESIGN	EN12516-1&2 ANSI B16.34&API 6D
FACE TO FACE	ASME B16.10
FLANGED ENDS	ASME B16.5
TOP FLANGE	ISO 5211
PRESSURE TESTS	EN12266-1/API 598/API 6D
VISUAL INSPECTION	MSS-SP-55

MAIN FEATURES

Bidirectional
Split body
Flanged Ends
Full bore
Trunnion ball
Metal seat
Pressure relieving seats
Anti blow out stem
Antistatic device
Locking device
Fire Safe
Autoadjustable Packing

MATERIALS	
BODY	Carbon steel , stainless steel, Duplex, Superduplex, Exotic materials...
TRIM	Stainless steel, Duplex, Superduplex, Exotic materials...
SEATS	PTFE, Reinforced PTFE, Viton, Nylon, Kelf, Devlon...
SPECIAL REQUIREMENTS	Heating jacket, cryogenic designs, all kind of operated, painting and coating

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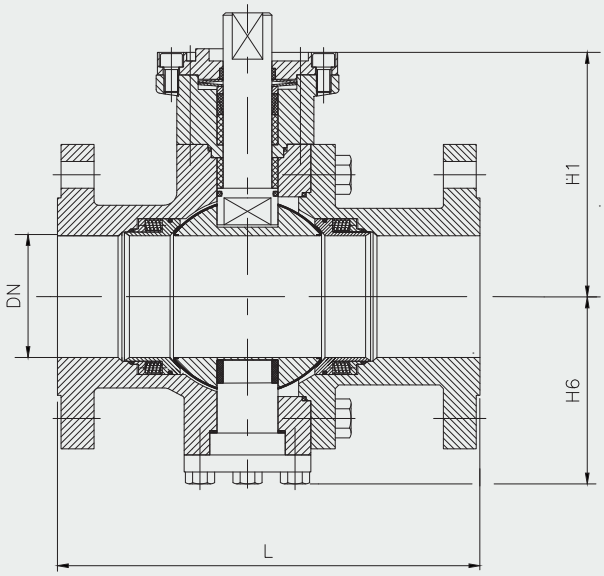
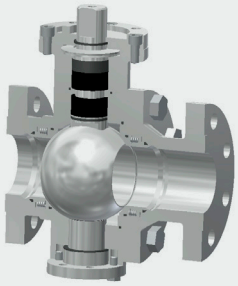
FHT VALVES
FLOW EXPERIENCE

METAL SEATED, TWO PIECE TRUNNION BALL VALVE
DN25-DN500 PN40

PROTECTED SEAT, AUTOADJUSTABLE PACKING, SPRING LOADED

FIG. FHT-118G-D40





*LP = LONG PATTERN | SP = SHORT PATTERN

DN	L LP (MM)	L SP (MM)	H1 (MM)	H6 (MM)	TOP FLANGE ISO	WEIGHT LP (KG)	WEIGHT SP (KG)	TORQUE (NM*)
15	130	115	80	65	F07	9,1	-	40
20	150	120	80	65	F07	10,2	-	40
25	160	125	80	65	F07	11	-	40
32	180	130	90	72	F07	18	-	65
40	200	140	125	91	F10	23	-	102
50	230	150	131.5	96	F10	28	-	127
65	290	170	142	103.5	F10	36	-	172
80	310	180	188.5	141	F12	58	-	310
100	350	190	200.5	151	F12	82,5		402
125	400	325	258	192	F16	-	126,5	564
150	480	350	277	205	F16	-	136,4	978
200	600	400	310	230	F16	-	206,8	1633
250	730	450	351	270	F16	-	309,1	2662
300	850	500	386	295	F16	-	349,8	4370
350	980	550	415	348	F16	-	468,6	6095
400	1100	600	460	390	F25	-	940	7935
500	1200	650	579	466	F35	-	1485	12765

*Calculated based on normal ºC. To be used as a guide for actuator selection. 1.3~1.5 Safety Factor is recommended for actuator sizing. It may be changed depending on seat materials.

STANDARDS	
DESIGN	EN12516-1&2 ANSI B16.34&API 6D
FACE TO FACE	ASME B16.10
FLANGED ENDS	ASME B16.5
TOP FLANGE	ISO 5211
PRESSURE TESTS	EN12266-1/API 598/API 6D
VISUAL INSPECTION	MSS-SP-55

MAIN FEATURES

Bidirectional
Split body
Flanged Ends
Full bore
Trunnion ball
Metal seat
Pressure relieving seats
Anti blow out stem
Antistatic device
Locking device
Fire Safe
Autoadjustable Packing

MATERIALS	
BODY	Carbon steel , stainless steel, Duplex, Superduplex, Exotic materials...
TRIM	Stainless steel, Duplex, Superduplex, Exotic materials...
SEATS	PTFE, Reinforced PTFE, Viton, Nylon, Kelf, Devlon...
SPECIAL REQUIREMENTS	Heating jacket, cryogenic designs, all kind of operated, painting and coating

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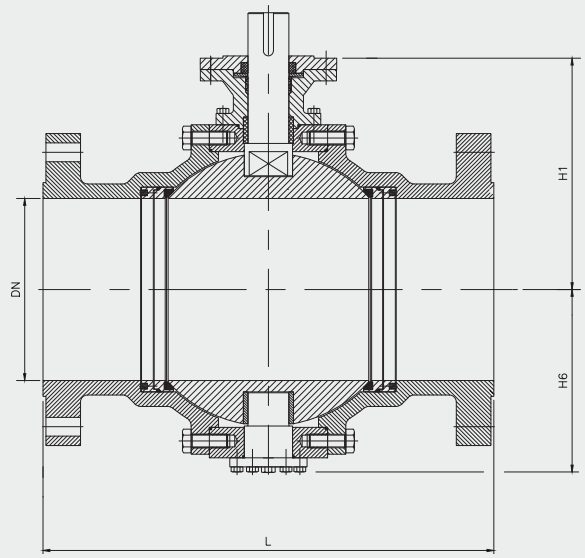
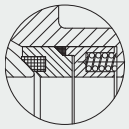
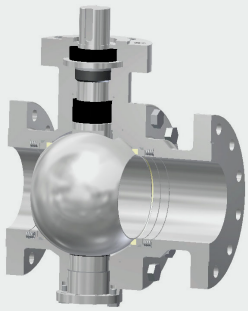
FHT VALVES
FLOW EXPERIENCE

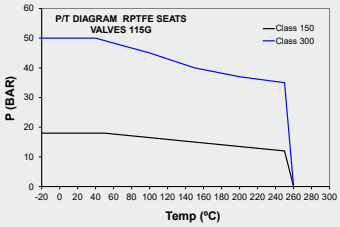
SOFT SEATED, THREE PIECE TRUNNION BALL VALVE
DN15-DN500 PN16
AUTOADJUSTABLE PACKING, SPRING LOADED

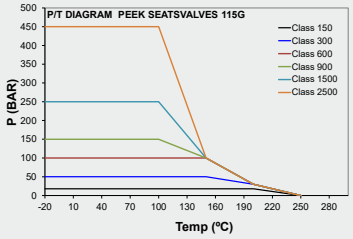
FIG. FHT-115G-3P-D16











*LP = LONG PATTERN | SP = SHORT PATTERN

DN	L LP (MM)	L SP (MM)	H1 (MM)	H6 (MM)	TOP FLANGE ISO	WEIGHT LP (KG)	WEIGHT SP (KG)	TORQUE (NM*)
15	130	115	80	65	F07	9,1	-	20
20	150	120	80	65	F07	10,2	-	20
25	160	125	80	65	F07	11	-	20
32	180	130	90	72	F07	18	-	45
40	200	140	125	91	F10	23	-	62
50	230	150	131.5	96	F10	28	-	80
65	290	170	142	103.5	F10	36	-	90
80	310	180	188.5	141	F12	58	-	160
100	350	190	200.5	151	F12	75	-	210
125	400	325	258	192	F16	-	115	350
150	480	350	277	205	F16	-	124	500
200	600	400	310	230	F16	-	188	780
250	730	450	351	270	F16	-	281	1100
300	850	500	386	295	F16	-	318	1650
350	980	550	415	348	F16	-	426	2258
400	1100	600	460	390	F25	-	855	3250
500	1200	650	579	466	F35	-	1350	5800

*Calculated based on normal ºC. To be used as a guide for actuator selection. 1.3~1.5 Safety Factor is recommended for actuator sizing. It may be changed depending on seat materials.

STANDARDS	
DESIGN	EN12516-1&2 ANSI B16.34&API 6D
FACE TO FACE	ASME B16.10
FLANGED ENDS	ASME B16.5
TOP FLANGE	ISO 5211
PRESSURE TESTS	EN12266-1/API 598/API 6D
VISUAL INSPECTION	MSS-SP-55

MAIN FEATURES

Bidirectional
Split body
Flanged Ends
Full bore
Trunnion ball
Soft seat
Pressure relieving seats
Anti blow out stem
Antistatic device
Locking device
Fire Safe
Autoadjustable Packing

MATERIALS	
BODY	Carbon steel , stainless steel, Duplex, Superduplex, Exotic materials...
TRIM	Stainless steel, Duplex, Superduplex, Exotic materials...
SEATS	PTFE, Reinforced PTFE, Viton, Nylon, Kelf, Devlon...
SPECIAL REQUIREMENTS	Heating jacket, cryogenic designs, all kind of operated, painting and coating

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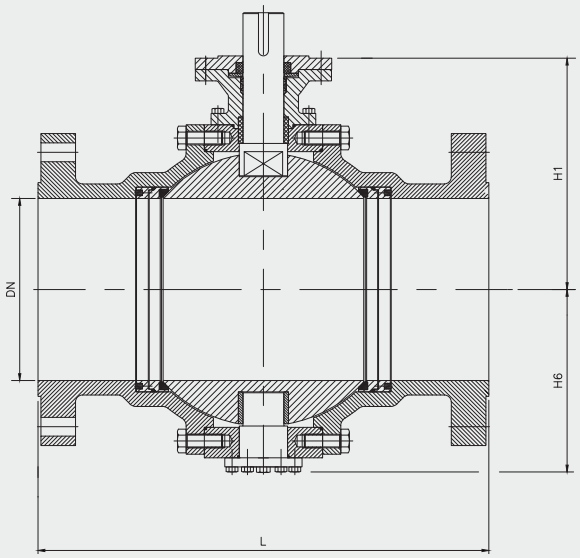
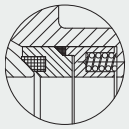
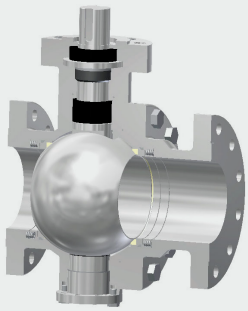
FHT VALVES
FLOW EXPERIENCE

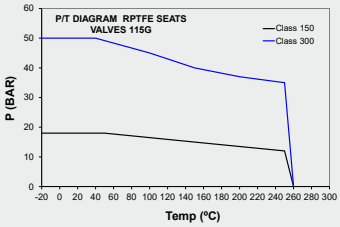
SOFT SEATED, THREE PIECE TRUNNION BALL VALVE
DN15-DN500 PN40
AUTOADJUSTABLE PACKING, SPRING LOADED

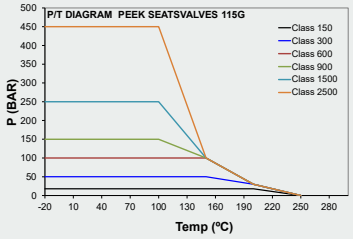
FIG. FHT-115G-3P-D40











*LP = LONG PATTERN | SP = SHORT PATTERN

DN	L LP (MM)	L SP (MM)	H1 (MM)	H6 (MM)	TOP FLANGE ISO	WEIGHT LP (KG)	WEIGHT SP (KG)	TORQUE (NM*)
15	130	115	80	65	F07	9,1	-	40
20	150	120	80	65	F07	10,2	-	40
25	160	125	80	65	F07	11	-	40
32	180	130	90	72	F07	18	-	65
40	200	140	125	91	F10	23	-	102
50	230	150	131.5	96	F10	28	-	127
65	290	170	142	103.5	F10	36	-	172
80	310	180	188.5	141	F12	58	-	310
100	350	190	200.5	151	F12	82,5		402
125	400	325	258	192	F16	-	126,5	564
150	480	350	277	205	F16	-	136,4	978
200	600	400	310	230	F16	-	206,8	1633
250	730	450	351	270	F16	-	309,1	2662
300	850	500	386	295	F16	-	349,8	4370
350	980	550	415	348	F16	-	468,6	6095
400	1100	600	460	390	F25	-	940	7935
500	1200	650	579	466	F35	-	1485	12765

*Calculated based on normal ºC. To be used as a guide for actuator selection. 1.3~1.5 Safety Factor is recommended for actuator sizing. It may be changed depending on seat materials.

STANDARDS	
DESIGN	EN12516-1&2 ANSI B16.34&API 6D
FACE TO FACE	ASME B16.10
FLANGED ENDS	ASME B16.5
TOP FLANGE	ISO 5211
PRESSURE TESTS	EN12266-1/API 598/API 6D
VISUAL INSPECTION	MSS-SP-55

MAIN FEATURES

- Bidirectional
- Split body
- Flanged Ends
- Full bore
- Trunnion ball
- Soft seat
- Pressure relieving seats
- Anti blow out stem
- Antistatic device
- Locking device
- Fire Safe
- Autoadjustable Packing

MATERIALS	
BODY	Carbon steel , stainless steel, Duplex, Superduplex, Exotic materials...
TRIM	Stainless steel, Duplex, Superduplex, Exotic materials...
SEATS	PTFE, Reinforced PTFE, Viton, Nylon, Kelf, Devlon...
SPECIAL REQUIREMENTS	Heating jacket, cryogenic designs, all kind of operated, painting and coating

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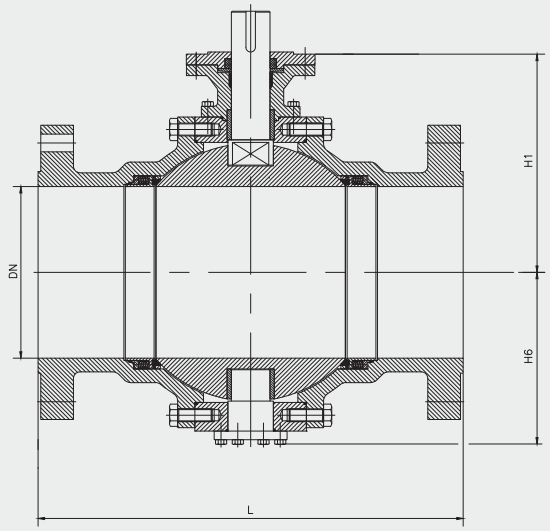
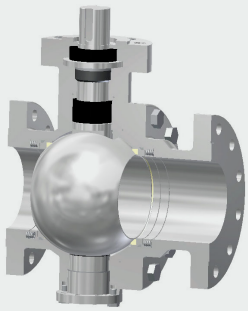
FHT VALVES
FLOW EXPERIENCE

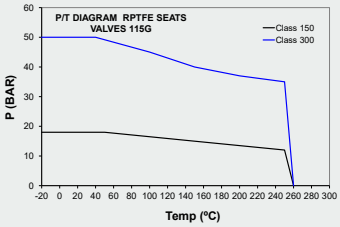
SOFT SEATED, THREE PIECE TRUNNION BALL VALVE DN15-DN200 PN16

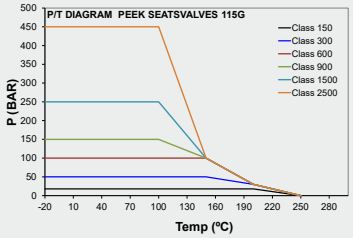
PROTECTED SEAT, AUTOADJUSTABLE PACKING, SPRING LOADED

FIG. FHT-117G-3P-D16









*LP = LONG PATTERN | SP = SHORT PATTERN

DN	L LP (MM)	L SP (MM)	H1 (MM)	H6 (MM)	TOP FLANGE ISO	WEIGHT LP (KG)	WEIGHT SP (KG)	TORQUE (NM*)
15	130	115	80	65	F07	9,1	-	20
20	150	120	80	65	F07	10,2	-	20
25	160	125	80	65	F07	11	-	20
32	180	130	90	72	F07	18	-	45
40	200	140	125	91	F10	23	-	62
50	230	150	131.5	96	F10	28	-	80
65	290	170	142	103.5	F10	36	-	90
80	310	180	188.5	141	F12	58	-	160
100	350	190	200.5	151	F12	75	-	210
125	400	325	258	192	F16	-	115	350
150	480	350	277	205	F16	-	124	500
200	600	400	310	230	F16	-	188	780
250	730	450	351	270	F16	-	281	1100
300	850	500	386	295	F16	-	318	1650
350	980	550	415	348	F16	-	426	2258
400	1100	600	460	390	F25	-	855	3250
500	1200	650	579	466	F35	-	1350	5800

*Calculated based on normal ºC. To be used as a guide for actuator selection. 1.3~1.5 Safety Factor is recommended for actuator sizing. It may be changed depending on seat materials.

STANDARDS	
DESIGN	EN12516-1&2 ANSI B16.34&API 6D
FACE TO FACE	ASME B16.10
FLANGED ENDS	ASME B16.5
TOP FLANGE	ISO 5211
PRESSURE TESTS	EN12266-1/API 598/API 6D
VISUAL INSPECTION	MSS-SP-55

MAIN FEATURES
Bidirectional
Split body
Flanged Ends
Full bore
Trunnion ball
Soft seat
Pressure relieving seats
Anti blow out stem
Antistatic device
Locking device
Fire Safe
Autoadjustable Packing

MATERIALS	
BODY	Carbon steel , stainless steel, Duplex, Superduplex, Exotic materials...
TRIM	Stainless steel, Duplex, Superduplex, Exotic materials...
SEATS	PTFE, Reinforced PTFE, Viton, Nylon, Kelf, Devlon...
SPECIAL REQUIREMENTS	Heating jacket, cryogenic designs, all kind of operated, painting and coating

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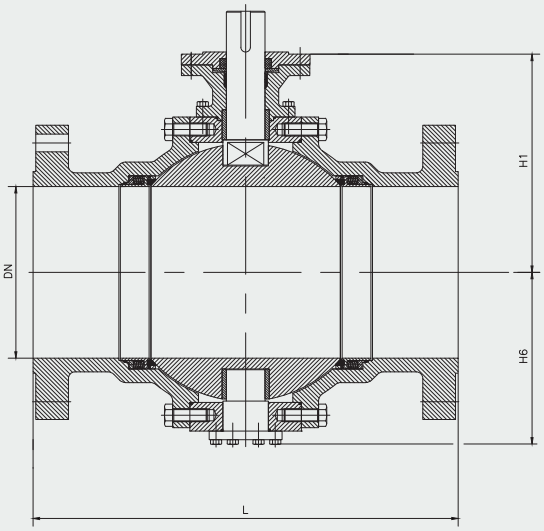
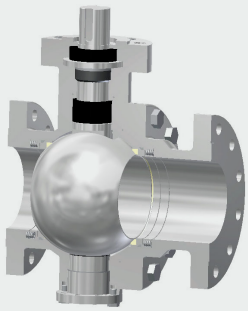
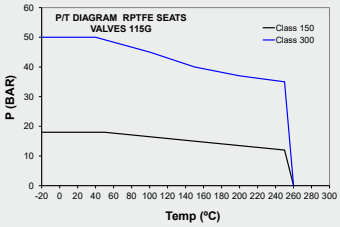
FHT VALVES
FLOW EXPERIENCE

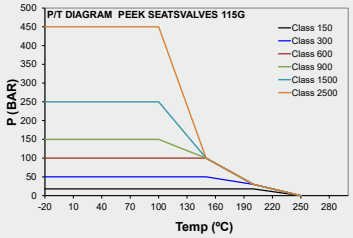
SOFT SEATED, THREE PIECE TRUNNION BALL VALVE
DN15-DN200 PN40
PROTECTED SEAT, AUTOADJUSTABLE PACKING, SPRING LOADED

FIG. FHT-117G-3P-D40









*LP = LONG PATTERN | SP = SHORT PATTERN

DN	L LP (MM)	L SP (MM)	H1 (MM)	H6 (MM)	TOP FLANGE ISO	WEIGHT LP (KG)	WEIGHT SP (KG)	TORQUE (NM*)
15	130	115	80	65	F07	9,1	-	40
20	150	120	80	65	F07	10,2	-	40
25	160	125	80	65	F07	11	-	40
32	180	130	90	72	F07	18	-	65
40	200	140	125	91	F10	23	-	102
50	230	150	131.5	96	F10	28	-	127
65	290	170	142	103.5	F10	36	-	172
80	310	180	188.5	141	F12	58	-	310
100	350	190	200.5	151	F12	82,5		402
125	400	325	258	192	F16	-	126,5	564
150	480	350	277	205	F16	-	136,4	978
200	600	400	310	230	F16	-	206,8	1633
250	730	450	351	270	F16	-	309,1	2662
300	850	500	386	295	F16	-	349,8	4370
350	980	550	415	348	F16	-	468,6	6095
400	1100	600	460	390	F25	-	940	7935
500	1200	650	579	466	F35	-	1485	12765

*Calculated based on normal ºC. To be used as a guide for actuator selection. 1.3~1.5 Safety Factor is recommended for actuator sizing. It may be changed depending on seat materials.

STANDARDS	
DESIGN	EN12516-1&2 ANSI B16.34&API 6D
FACE TO FACE	ASME B16.10
FLANGED ENDS	ASME B16.5
TOP FLANGE	ISO 5211
PRESSURE TESTS	EN12266-1/API 598/API 6D
VISUAL INSPECTION	MSS-SP-55

MAIN FEATURES

- Bidirectional
- Split body
- Flanged Ends
- Full bore
- Trunnion ball
- Soft seat
- Pressure relieving seats
- Anti blow out stem
- Antistatic device
- Locking device
- Fire Safe
- Autoadjustable Packing

MATERIALS	
BODY	Carbon steel , stainless steel, Duplex, Superduplex, Exotic materials...
TRIM	Stainless steel, Duplex, Superduplex, Exotic materials...
SEATS	PTFE, Reinforced PTFE, Viton, Nylon, Kelf, Devlon...
SPECIAL REQUIREMENTS	Heating jacket, cryogenic designs, all kind of operated, painting and coating

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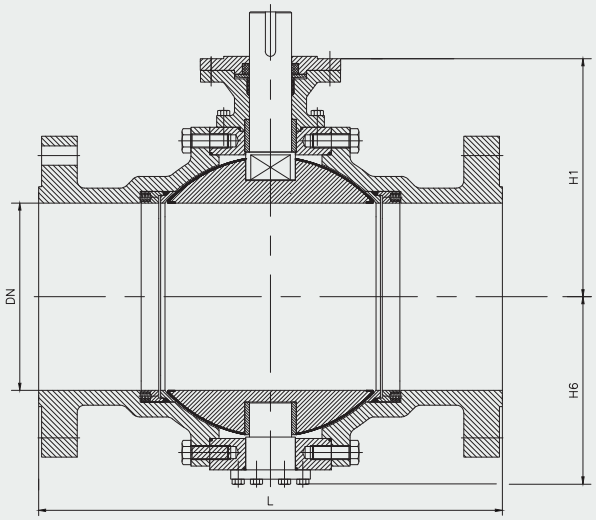
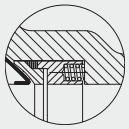
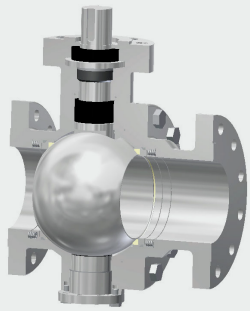
FHT VALVES
FLOW EXPERIENCE

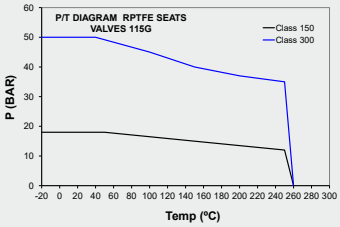
METAL SEATED, THREE PIECE TRUNNION BALL VALVE
DN15-DN200 PN16
AUTOADJUSTABLE PACKING, SPRING LOADED

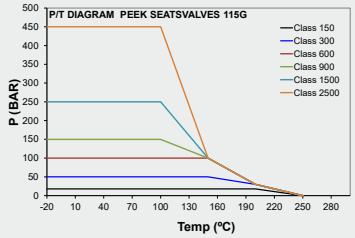
FIG. FHT-116G-3P-D16











*LP = LONG PATTERN | SP = SHORT PATTERN

DN	L LP (MM)	L SP (MM)	H1 (MM)	H6 (MM)	TOP FLANGE ISO	WEIGHT LP (KG)	WEIGHT SP (KG)	TORQUE (NM*)
15	130	115	80	65	F07	9,1	-	23
20	150	120	80	65	F07	10,2	-	23
25	160	125	80	65	F07	11	-	23
32	180	130	90	72	F07	18	-	52
40	200	140	125	91	F10	23	-	71
50	230	150	131.5	96	F10	28	-	92
65	290	170	142	103.5	F10	36	-	103
80	310	180	188.5	141	F12	58	-	184
100	350	190	200.5	151	F12	75	-	242
125	400	325	258	192	F16	-	115	402
150	480	350	277	205	F16	-	124	575
200	600	400	310	230	F16	-	188	895
250	730	450	351	270	F16	-	281	1265
300	850	500	386	295	F16	-	318	1898
350	980	550	415	348	F16	-	426	2596
400	1100	600	460	390	F25	-	855	3738
500	1200	650	579	466	F35	-	1350	6670

*Calculated based on normal ºC. To be used as a guide for actuator selection. 1.3~1.5 Safety Factor is recommended for actuator sizing. It may be changed depending on seat materials.

STANDARDS	
DESIGN	EN12516-1&2 ANSI B16.34&API 6D
FACE TO FACE	ASME B16.10
FLANGED ENDS	ASME B16.5
TOP FLANGE	ISO 5211
PRESSURE TESTS	EN12266-1/API 598/API 6D
VISUAL INSPECTION	MSS-SP-55

MAIN FEATURES

- Bidirectional
- Split body
- Flanged Ends
- Full bore
- Trunnion ball
- Soft seat
- Pressure relieving seats
- Anti blow out stem
- Antistatic device
- Locking device
- Fire Safe
- Autoadjustable Packing

MATERIALS	
BODY	Carbon steel , stainless steel, Duplex, Superduplex, Exotic materials...
TRIM	Stainless steel, Duplex, Superduplex, Exotic materials...
SEATS	PTFE, Reinforced PTFE, Viton, Nylon, Kelf, Devlon...
SPECIAL REQUIREMENTS	Heating jacket, cryogenic designs, all kind of operated, painting and coating

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FHT VALVES
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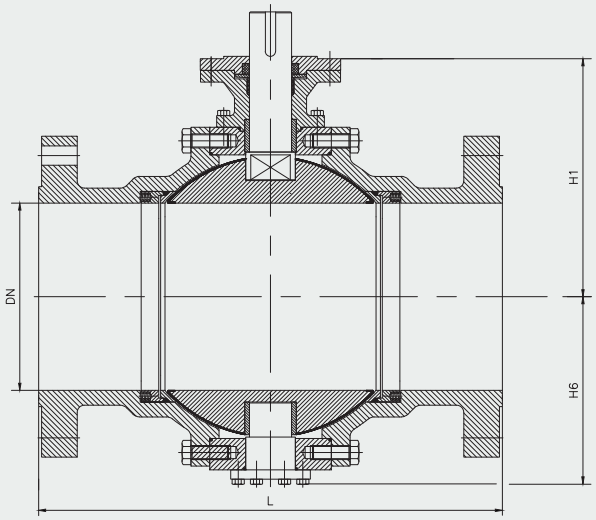
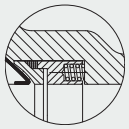
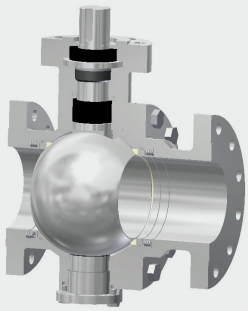
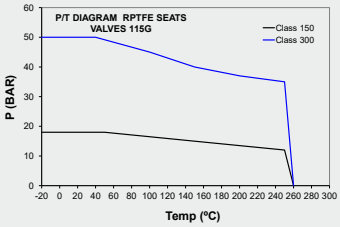
METAL SEATED, THREE PIECE TRUNNION BALL VALVE
DN15-DN200 PN40
AUTOADJUSTABLE PACKING, SPRING LOADED

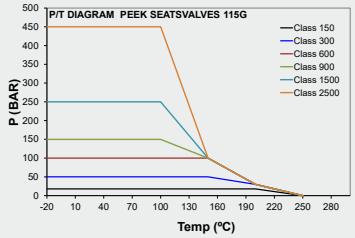
FIG. FHT-116G-3P-D40











*LP = LONG PATTERN | SP = SHORT PATTERN

DN	L LP (MM)	L SP (MM)	H1 (MM)	H6 (MM)	TOP FLANGE ISO	WEIGHT LP (KG)	WEIGHT SP (KG)	TORQUE (NM*)
15	130	115	80	65	F07	9,1	-	40
20	150	120	80	65	F07	10,2	-	40
25	160	125	80	65	F07	11	-	40
32	180	130	90	72	F07	18	-	65
40	200	140	125	91	F10	23	-	102
50	230	150	131.5	96	F10	28	-	127
65	290	170	142	103.5	F10	36	-	172
80	310	180	188.5	141	F12	58	-	310
100	350	190	200.5	151	F12	82,5		402
125	400	325	258	192	F16	-	126,5	564
150	480	350	277	205	F16	-	136,4	978
200	600	400	310	230	F16	-	206,8	1633
250	730	450	351	270	F16	-	309,1	2662
300	850	500	386	295	F16	-	349,8	4370
350	980	550	415	348	F16	-	468,6	6095
400	1100	600	460	390	F25	-	940	7935
500	1200	650	579	466	F35	-	1485	12765

*Calculated based on normal ºC. To be used as a guide for actuator selection. 1.3~1.5 Safety Factor is recommended for actuator sizing. It may be changed depending on seat materials.

STANDARDS	
DESIGN	EN12516-1&2 ANSI B16.34&API 6D
FACE TO FACE	ASME B16.10
FLANGED ENDS	ASME B16.5
TOP FLANGE	ISO 5211
PRESSURE TESTS	EN12266-1/API 598/API 6D
VISUAL INSPECTION	MSS-SP-55

MAIN FEATURES
Bidirectional
Split body
Flanged Ends
Full bore
Trunnion ball
Soft seat
Pressure relieving seats
Anti blow out stem
Antistatic device
Locking device
Fire Safe
Autoadjustable Packing

MATERIALS	
BODY	Carbon steel , stainless steel, Duplex, Superduplex, Exotic materials...
TRIM	Stainless steel, Duplex, Superduplex, Exotic materials...
SEATS	PTFE, Reinforced PTFE, Viton, Nylon, Kelf, Devlon...
SPECIAL REQUIREMENTS	Heating jacket, cryogenic designs, all kind of operated, painting and coating

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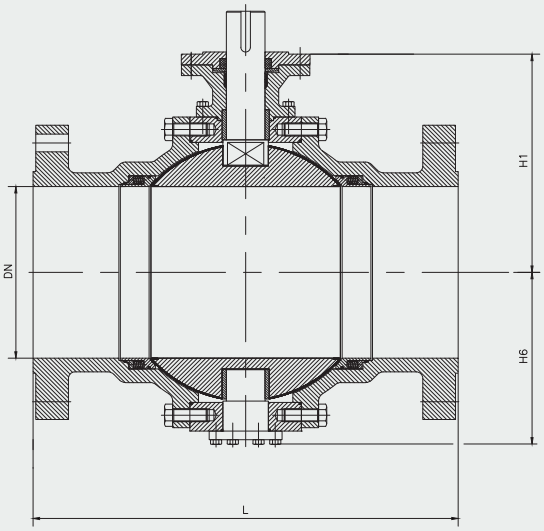
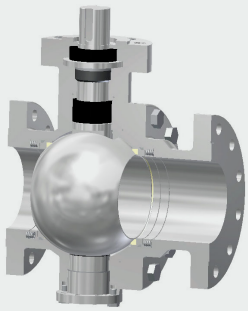
FHT VALVES
FLOW EXPERIENCE

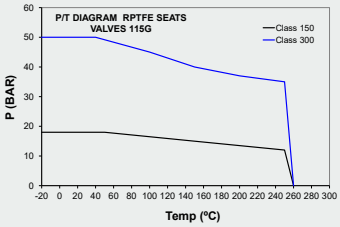
METAL SEATED, THREE PIECE TRUNNION BALL VALVE DN15-DN500 PN16

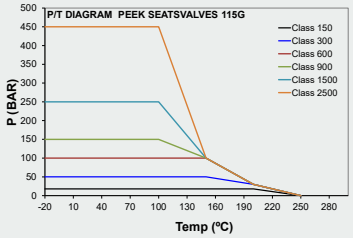
PROTECTED SEAT, AUTOADJUSTABLE PACKING, SPRING LOADED

FIG. FHT-118G-3P-D16









*LP = LONG PATTERN | SP = SHORT PATTERN

DN	L LP (MM)	L SP (MM)	H1 (MM)	H6 (MM)	TOP FLANGE ISO	WEIGHT LP (KG)	WEIGHT SP (KG)	TORQUE (NM*)
15	130	115	80	65	F07	9,1	-	23
20	150	120	80	65	F07	10,2	-	23
25	160	125	80	65	F07	11	-	23
32	180	130	90	72	F07	18	-	52
40	200	140	125	91	F10	23	-	71
50	230	150	131.5	96	F10	28	-	92
65	290	170	142	103.5	F10	36	-	103
80	310	180	188.5	141	F12	58	-	184
100	350	190	200.5	151	F12	75	-	242
125	400	325	258	192	F16	-	115	402
150	480	350	277	205	F16	-	124	575
200	600	400	310	230	F16	-	188	895
250	730	450	351	270	F16	-	281	1265
300	850	500	386	295	F16	-	318	1898
350	980	550	415	348	F16	-	426	2596
400	1100	600	460	390	F25	-	855	3738
500	1200	650	579	466	F35	-	1350	6670

*Calculated based on normal ºC. To be used as a guide for actuator selection. 1.3~1.5 Safety Factor is recommended for actuator sizing. It may be changed depending on seat materials.

STANDARDS	
DESIGN	EN12516-1&2 ANSI B16.34&API 6D
FACE TO FACE	ASME B16.10
FLANGED ENDS	ASME B16.5
TOP FLANGE	ISO 5211
PRESSURE TESTS	EN12266-1/API 598/API 6D
VISUAL INSPECTION	MSS-SP-55

MAIN FEATURES

- Bidirectional
- Split body
- Flanged Ends
- Full bore
- Trunnion ball
- Soft seat
- Pressure relieving seats
- Anti blow out stem
- Antistatic device
- Locking device
- Fire Safe
- Autoadjustable Packing

MATERIALS	
BODY	Carbon steel , stainless steel, Duplex, Superduplex, Exotic materials...
TRIM	Stainless steel, Duplex, Superduplex, Exotic materials...
SEATS	PTFE, Reinforced PTFE, Viton, Nylon, Kelf, Devlon...
SPECIAL REQUIREMENTS	Heating jacket, cryogenic designs, all kind of operated, painting and coating

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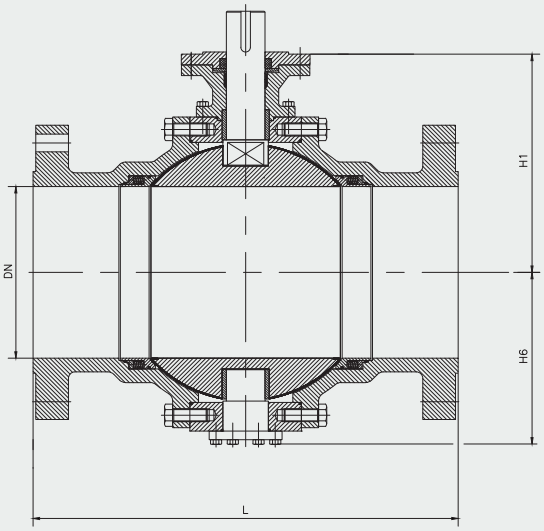
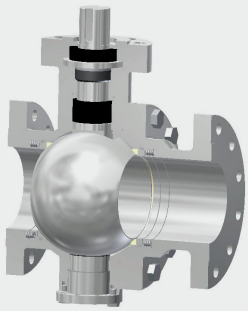
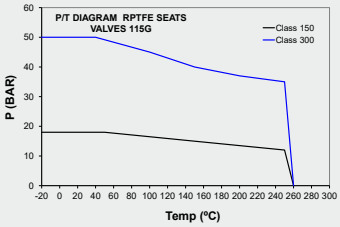
FHT VALVES
FLOW EXPERIENCE

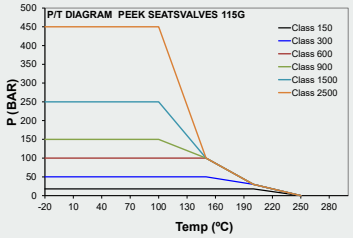
METAL SEATED, THREE PIECE TRUNNION BALL VALVE
DN15-DN500 PN40
PROTECTED SEAT, AUTOADJUSTABLE PACKING, SPRING LOADED

FIG. FHT-118G-3P-D40









*LP = LONG PATTERN | SP = SHORT PATTERN

DN	L LP (MM)	L SP (MM)	H1 (MM)	H6 (MM)	TOP FLANGE ISO	WEIGHT LP (KG)	WEIGHT SP (KG)	TORQUE (NM*)
15	130	115	80	65	F07	9,1	-	23
20	150	120	80	65	F07	10,2	-	23
25	160	125	80	65	F07	11	-	23
32	180	130	90	72	F07	18	-	52
40	200	140	125	91	F10	23	-	71
50	230	150	131.5	96	F10	28	-	92
65	290	170	142	103.5	F10	36	-	103
80	310	180	188.5	141	F12	58	-	184
100	350	190	200.5	151	F12	75	-	242
125	400	325	258	192	F16	-	115	402
150	480	350	277	205	F16	-	124	575
200	600	400	310	230	F16	-	188	895
250	730	450	351	270	F16	-	281	1265
300	850	500	386	295	F16	-	318	1898
350	980	550	415	348	F16	-	426	2596
400	1100	600	460	390	F25	-	855	3738
500	1200	650	579	466	F35	-	1350	6670

*Calculated based on normal ºC. To be used as a guide for actuator selection. 1.3~1.5 Safety Factor is recommended for actuator sizing. It may be changed depending on seat materials.

STANDARDS	
DESIGN	EN12516-1&2 ANSI B16.34&API 6D
FACE TO FACE	ASME B16.10
FLANGED ENDS	ASME B16.5
TOP FLANGE	ISO 5211
PRESSURE TESTS	EN12266-1/API 598/API 6D
VISUAL INSPECTION	MSS-SP-55

MAIN FEATURES
Bidirectional
Split body
Flanged Ends
Full bore
Trunnion ball
Soft seat
Pressure relieving seats
Anti blow out stem
Antistatic device
Locking device
Fire Safe
Autoadjustable Packing

MATERIALS	
BODY	Carbon steel , stainless steel, Duplex, Superduplex, Exotic materials...
TRIM	Stainless steel, Duplex, Superduplex, Exotic materials...
SEATS	PTFE, Reinforced PTFE, Viton, Nylon, Kelf, Devlon...
SPECIAL REQUIREMENTS	Heating jacket, cryogenic designs, all kind of operated, painting and coating

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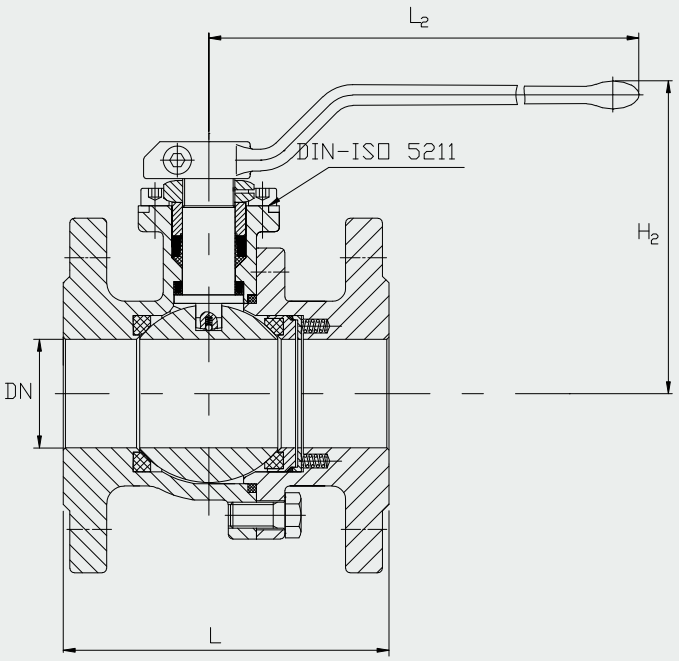
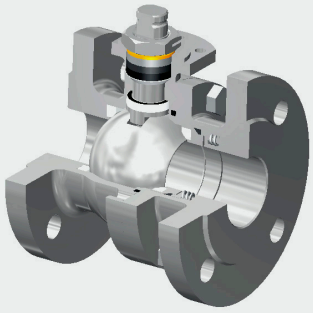
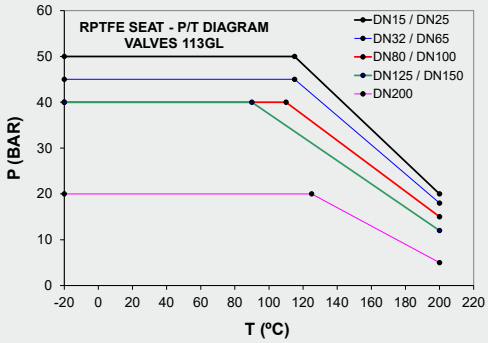
FHT VALVES
FLOW EXPERIENCE

SOFT SEATED, TWO PIECE FLOATING BALL VALVE
DN15-DN200 PN16
DOUBLE PACKING, DOUBLE STEM SEAL & SPRING LOADED

FIG. FHT-113GL-D16







During the initial cycles following extended periods of inactivity, breakaway torques may increase by around 50%

*LP = LONG PATTERN | SP = SHORT PATTERN

DN	L R1 (MM)	L R27 (MM)	H2 (MM)	L2 (MM)	TOP FLANGE ISO	WEIGHT R1 (KG)	WEIGHT R27 (KG)	TORQUE (NM*)
15	130	115	95	160	F05	3	2.9	9
20	150	120	101	160	F05	3.9	3.7	11
25	160	125	115	180	F05	4.9	4.6	13
32	180	130	125	180	F05	8	6.4	24
40	200	140	135	300	F07	9.6	8.5	32
50	230	150	145	300	F07	12.7	11.1	44
65	290	170	157	300	F07	18.4	16.4	55
80	310	180	197	450	F10	23.8	22.3	90
100	350	190	212	450	F10	35.3	33.5	120
125	400	325	230	700	F12	65	56	250
150	480	350	263	700	F12	80	80	390
200	600	400	310	700	F14	178	152	900

*Values for PTFE + 25% FG seats as standard tested with water at room temperature. It may change depending on seat materials. 1.3~1.5 Safety Factor is recommended for actuation.

STANDARDS	
DESIGN	EN12516-1&2 ANSI B16.34&API 6D
FACE TO FACE	EN558-1
FLANGED ENDS	EN 1092-1
TOP FLANGE	ISO 5211
PRESSURE TESTS	EN12266-1/API 598/API 6D
VISUAL INSPECTION	MSS-SP-55

MAIN FEATURES

Bidirectional
Split body
Flanged Ends
Full bore
Floating ball
Soft seat
Pressure relieving seats
Anti blow out stem
Antistatic device
Locking device
Fire Safe

MATERIALS	
BODY	Carbon steel , stainless steel, Duplex, Superduplex, Exotic materials...
TRIM	Stainless steel, Duplex, Superduplex, Exotic materials...
SEATS	PTFE, Reinforced PTFE, Viton, Nylon, Kelf, Devlon...
SPECIAL REQUIREMENTS	Heating jacket, cryogenic designs, all kind of operated, painting and coating

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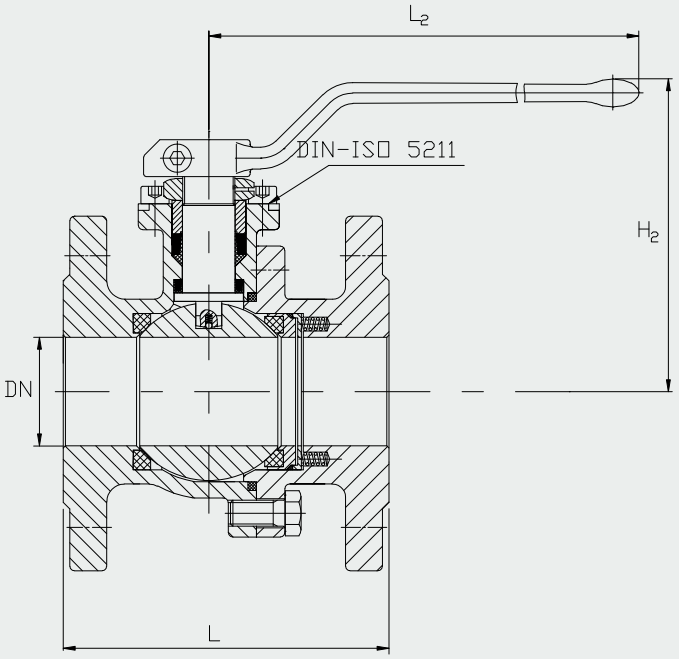
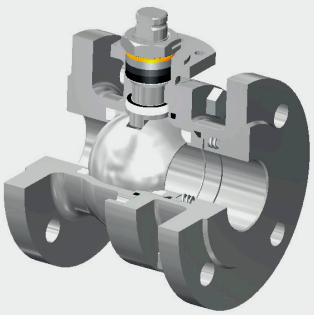
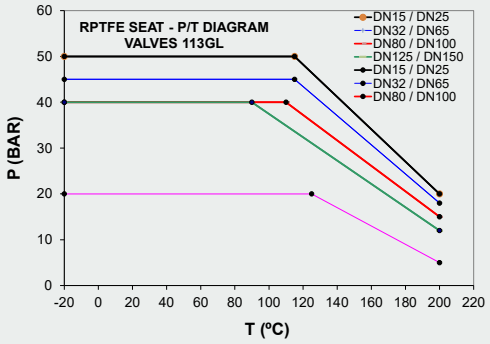
SOFT SEATED, TWO PIECE FLOATING BALL VALVE
DN15-DN200 PN40
DOUBLE PACKING, DOUBLE STEM SEAL & SPRING LOADED

FIG. FHT-113GL-D40







During the initial cycles following extended periods of inactivity, breakaway torques may increase by around 50%

*LP = LONG PATTERN | SP = SHORT PATTERN

DN	L R1 (MM)	L R27 (MM)	H2 (MM)	L2 (MM)	TOP FLANGE ISO	WEIGHT R1 (KG)	WEIGHT R27 (KG)	TORQUE (NM*)
15	130	115	95	160	F05	3	2.9	12
20	150	120	101	160	F05	3.9	3.7	15
25	160	125	115	180	F05	4.9	4.7	17
32	180	130	125	180	F05	8	6.4	34
40	200	140	135	300	F07	9.6	8.5	45
50	230	150	145	300	F07	12.7	11.9	57
65	290	170	157	300	F07	18.4	16.4	70
80	310	180	197	450	F10	23.8	24.3	120
100	350	190	212	450	F10	37.8	33.5	200
125	400	325	230	700	F12	67	56	380
150	480	350	263	700	F12	83	80	720
200	600	400	310	700	F14		152	

*Values for PTFE + 25% FG seats as standard tested with water at room temperature. It may change depending on seat materials. 1.3~1.5 Safety Factor is recommended for actuation.

STANDARDS	
DESIGN	EN12516-1&2 ANSI B16.34&API 6D
FACE TO FACE	EN558-1
FLANGED ENDS	EN 1092-1
TOP FLANGE	ISO 5211
PRESSURE TESTS	EN12266-1/API 598/API 6D
VISUAL INSPECTION	MSS-SP-55

MAIN FEATURES

Bidirectional
Split body
Flanged Ends
Full bore
Floating ball
Soft seat
Pressure relieving seats
Anti blow out stem
Antistatic device
Locking device
Fire Safe

MATERIALS	
BODY	Carbon steel , stainless steel, Duplex, Superduplex, Exotic materials...
TRIM	Stainless steel, Duplex, Superduplex, Exotic materials...
SEATS	PTFE, Reinforced PTFE, Viton, Nylon, Kelf, Devlon...
SPECIAL REQUIREMENTS	Heating jacket, cryogenic designs, all kind of operated, painting and coating

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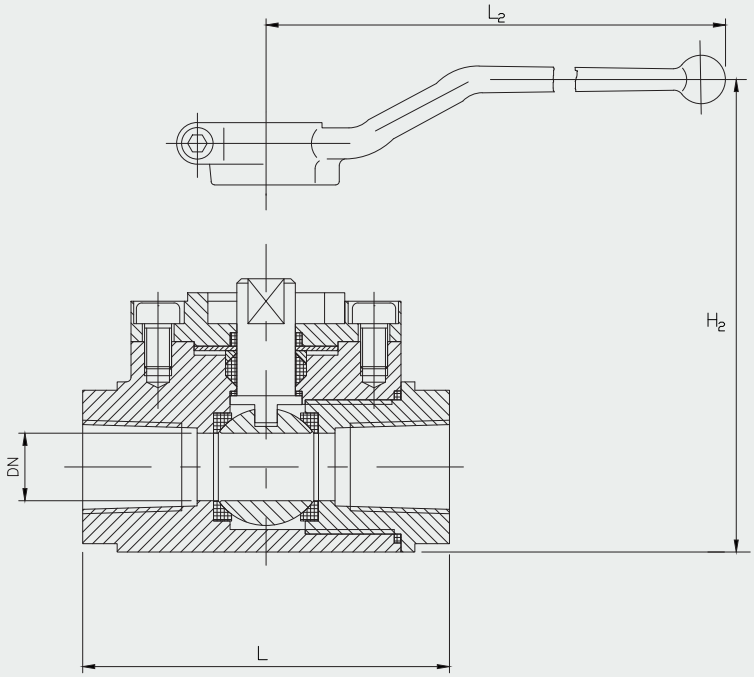
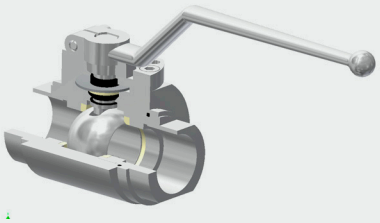
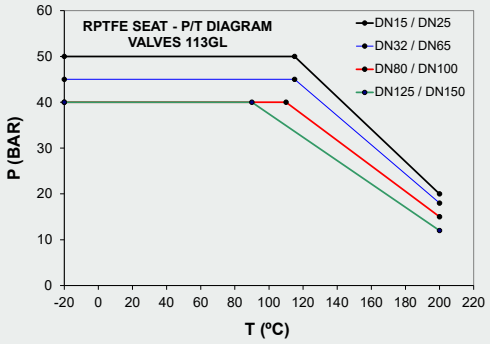
FLOW EXPERIENCE

SOFT SEATED, TWO PIECE FLOATING BALL VALVE
DN15-DN65 PN40
AUTOADJUSTABLE PACKING, THREADED ENDS

FIG. FHT-130-D40







During the initial cycles following extended periods of inactivity, breakaway torques may increase by around 50%

*LP = LONG PATTERN | SP = SHORT PATTERN

DN	L (MM)	H2 (MM)	L2 (MM)	TOP FLANGE ISO	WEIGHT (KG)	TORQUE (NM*)
15	80	74	180	F05	2.9	0
20	85	78	180	F05	3.7	0
25	98	82	180	F05	4.7	0
32	108	86	180	F05	6.4	0
40	118	109	300	F07	8.5	0
50	130	121	300	F07	11.9	0
65	230	144	300	F07	16.4	0

*Values for PTFE + 25% FG seats as standard tested with water at room temperature. It may change depending on seat materials. 1.3~1.5 Safety Factor is recommended for actuation.

STANDARDS	
DESIGN	EN12516-1&2 ANSI B16.34&API 6D
FACE TO FACE	EN558-1
FLANGED ENDS	EN 1092-1
TOP FLANGE	ISO 5211
PRESSURE TESTS	EN12266-1/API 598/API 6D
VISUAL INSPECTION	MSS-SP-55

MAIN FEATURES

Bidirectional
Split body
Flanged Ends
Full bore
Floating ball
Soft seat
Pressure relieving seats
Anti blow out stem
Antistatic device
Locking device
Fire Safe

MATERIALS	
BODY	Carbon steel , stainless steel, Duplex, Superduplex, Exotic materials...
TRIM	Stainless steel, Duplex, Superduplex, Exotic materials...
SEATS	PTFE, Reinforced PTFE, Viton, Nylon, Kelf, Devlon...
SPECIAL REQUIREMENTS	Heating jacket, cryogenic designs, all kind of operated, painting and coating

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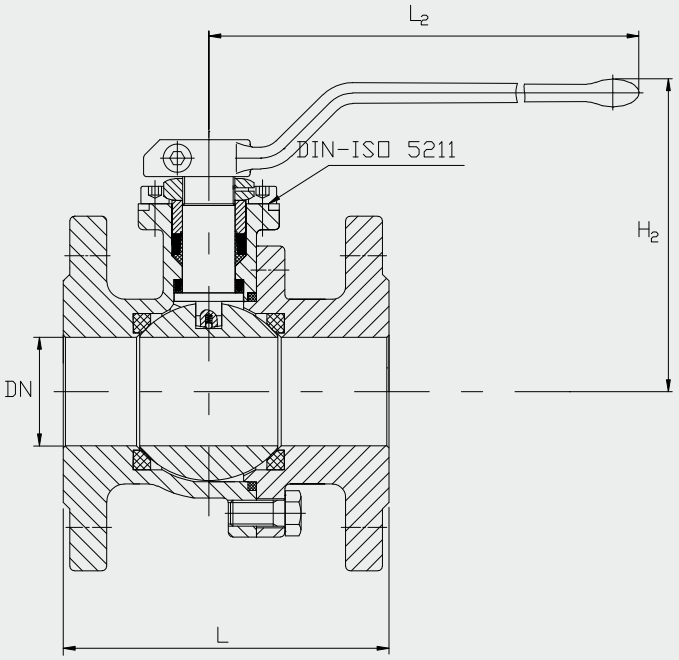
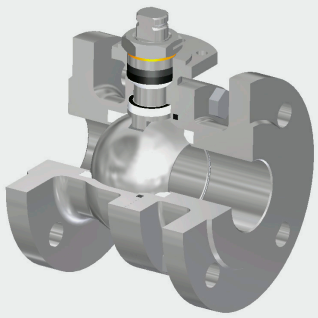
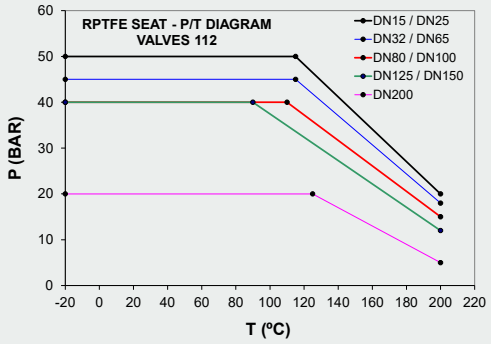
SOFT SEATED, TWO PIECE FLOATING BALL VALVE
1/2" - 6" CLASS 150
DOUBLE PACKING & DOUBLE STEM SEAL

FIG. FHT-112-A150







SIZE (")	L (MM)	H2 (MM)	L2 (MM)	TOP FLANGE ISO	WEIGHT (KG)	TORQUE (NM*)
1/2	108	95	160	F05	2.4	9
3/4	117	101	160	F05	2.9	11
1	127	115	180	F05	4.2	13
1 1/4	140	125	180	F05	5.9	24
1 1/2	165	135	300	F07	7.7	32
2	178	145	300	F07	11.6	44
2 1/2	190	157	300	F07	17	55
3	203	197	450	F10	23.8	90
4	229	212	450	F10	36	120
5	254	230	800	F12	54	250
6	394	263	800	F12	77	390
8	457	310	800	F14	150	415

*Calculated based on normal ºC. To be used as a guide for actuator selection. 1.3~1.5 Safety Factor is recommended for actuator sizing. It may be changed depending on seat materials.

STANDARDS	
DESIGN	EN12516-1&2 ANSI B16.34&API 6D
FACE TO FACE	ASME B16.10
FLANGED ENDS	ASME B16.5
TOP FLANGE	ISO 5211
PRESSURE TESTS	EN12266-1/API 598/API 6D
VISUAL INSPECTION	MSS-SP-55

MAIN FEATURES

Bidirectional
Split body
Flanged Ends
Full bore
Floating ball
Soft seat
Pressure relieving seats
Anti blow out stem
Antistatic device
Locking device
Fire Safe

MATERIALS	
BODY	Carbon steel , stainless steel, Duplex, Superduplex, Exotic materials...
TRIM	Stainless steel, Duplex, Superduplex, Exotic materials...
SEATS	PTFE, Reinforced PTFE, Viton, Nylon, Kelf, Devlon...
SPECIAL REQUIREMENTS	Heating jacket, cryogenic designs, all kind of operated, painting and coating

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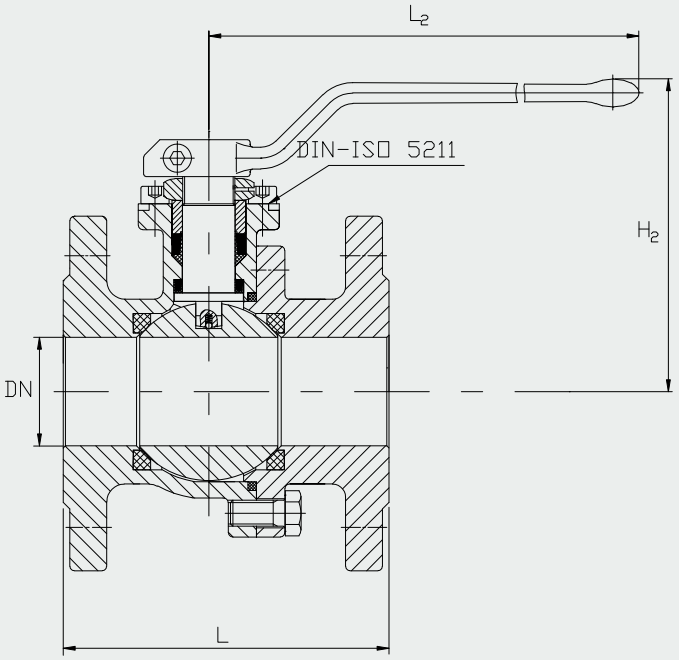
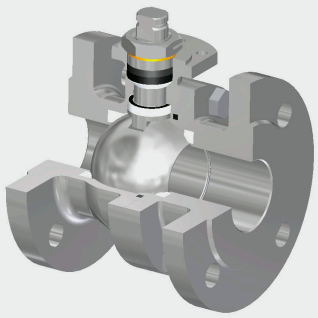
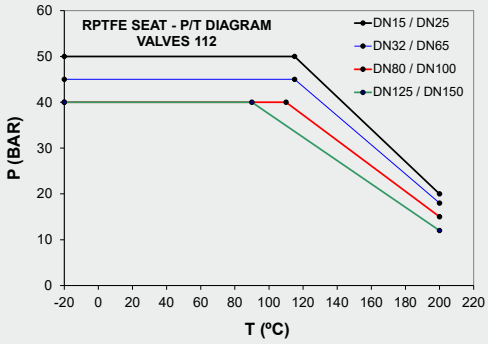
SOFT SEATED, TWO PIECE FLOATING BALL VALVE
1/2" - 6" CLASS 300
DOUBLE PACKING & DOUBLE STEM SEAL

FIG. FHT-112-A300







SIZE (")	L (MM)	H2 (MM)	L2 (MM)	TOP FLANGE ISO	WEIGHT (KG)	TORQUE (NM*)
1/2	140	95	160	F05	2.8	12
3/4	152	101	160	F05	4.7	15
1	165	115	180	F05	6.3	17
1 1/4	178	125	180	F05	8.2	34
1 1/2	190	135	300	F07	10.8	45
2	216	145	300	F07	15.9	57
2 1/2	241	157	300	F07	19.2	70
3	283	197	450	F10	31.5	120
4	305	212	450	F10	43	200
5	381	230	800	F12	67.5	380
6	403	263	800	F12	81	720

*Calculated based on normal ºC. To be used as a guide for actuator selection. 1.3~1.5 Safety Factor is recommended for actuator sizing. It may be changed depending on seat materials.

STANDARDS	
DESIGN	EN12516-1&2 ANSI B16.34&API 6D
FACE TO FACE	ASME B16.10
FLANGED ENDS	ASME B16.5
TOP FLANGE	ISO 5211
PRESSURE TESTS	EN12266-1/API 598/API 6D
VISUAL INSPECTION	MSS-SP-55

MAIN FEATURES
Bidirectional
Split body
Flanged Ends
Full bore
Floating ball
Soft seat
Pressure relieving seats
Anti blow out stem
Antistatic device
Locking device
Fire Safe

MATERIALS	
BODY	Carbon steel , stainless steel, Duplex, Superduplex, Exotic materials...
TRIM	Stainless steel, Duplex, Superduplex, Exotic materials...
SEATS	PTFE, Reinforced PTFE, Viton, Nylon, Kelf, Devlon...
SPECIAL REQUIREMENTS	Heating jacket, cryogenic designs, all kind of operated, painting and coating

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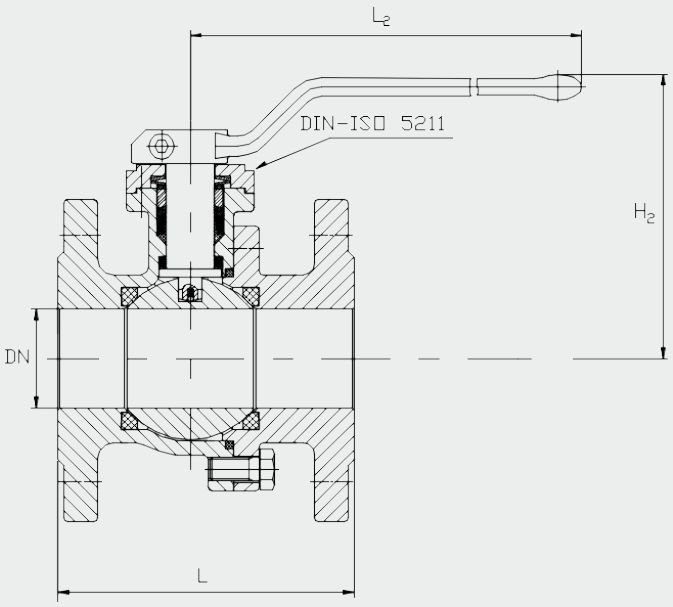
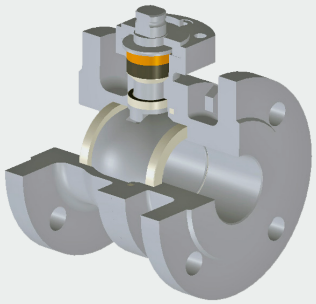
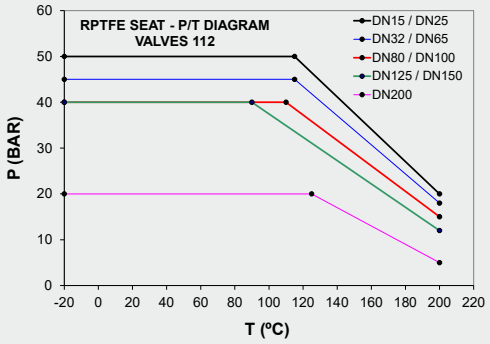
FHT VALVES
FLOW EXPERIENCE

SOFT SEATED, TWO PIECE FLOATING BALL VALVE
1/2"- 8" CLASS 150
DOUBLE PACKING & DOUBLE STEM SEAL, FIRE SAFE, COVER FLANGE

FIG. FHT-112 TP FS-A150







SIZE (")	L (MM)	H2 (MM)	L2 (MM)	TOP FLANGE ISO	WEIGHT (KG)	TORQUE (NM*)
1/2	108	95	160	F05	2.4	9
3/4	117	101	160	F05	2.9	11
1	127	115	180	F05	4.2	13
1 1/4	140	125	180	F05	5.9	24
1 1/2	165	135	300	F07	7.7	32
2	178	145	300	F07	11.6	44
2 1/2	190	157	300	F07	17	55
3	203	197	450	F10	23.8	90
4	229	212	450	F10	36	120
5	254	230	800	F12	54	250
6	394	263	800	F12	77	390
8	457	310	800	F14	150	415

*Calculated based on normal ºC. To be used as a guide for actuator selection. 1.3~1.5 Safety Factor is recommended for actuator sizing. It may be changed depending on seat materials.

STANDARDS	
DESIGN	EN12516-1&2 ANSI B16.34&API 6D
FACE TO FACE	EN558-1
FLANGED ENDS	EN 1092-1
TOP FLANGE	ISO 5211
PRESSURE TESTS	EN12266-1/API 598/API 6D
VISUAL INSPECTION	MSS-SP-55

MAIN FEATURES
Bidirectional
Split body
Flanged Ends
Full bore
Floating ball
Soft seat
Pressure relieving seats
Anti blow out stem
Antistatic device
Locking device
Fire Safe

MATERIALS	
BODY	Carbon steel , stainless steel, Duplex, Superduplex, Exotic materials...
TRIM	Stainless steel, Duplex, Superduplex, Exotic materials...
SEATS	PTFE, Reinforced PTFE, Viton, Nylon, Kelf, Devlon...
SPECIAL REQUIREMENTS	Heating jacket, cryogenic designs, all kind of operated, painting and coating

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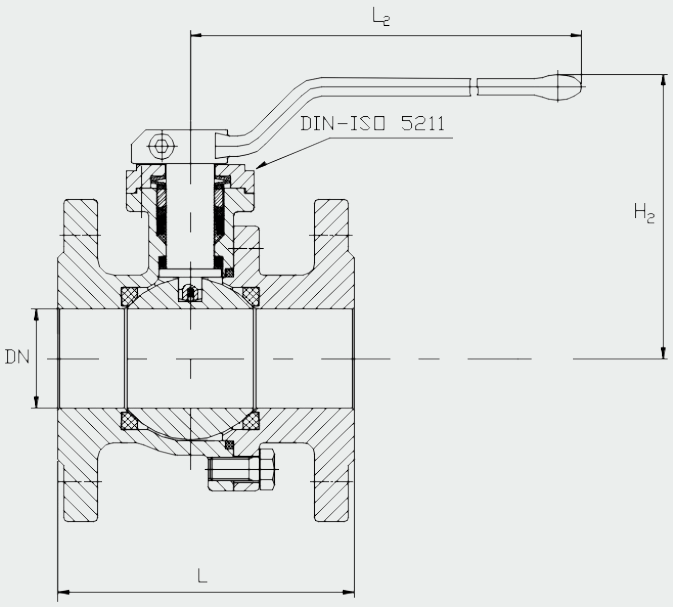
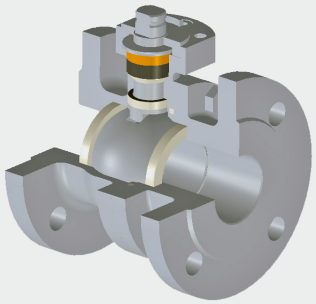
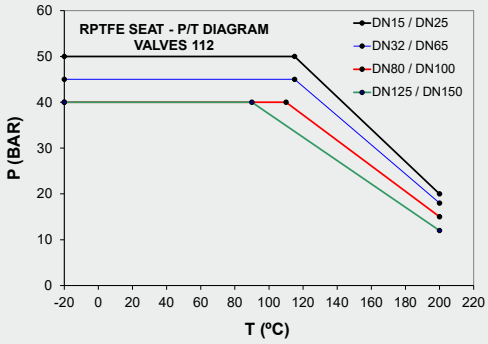
FLOW EXPERIENCE

SOFT SEATED, TWO PIECE FLOATING BALL VALVE
1/2"- 6" CLASS 300
DOUBLE PACKING & DOUBLE STEM SEAL, FIRE SAFE, COVER FLANGE

FIG. FHT-112 TP FS-A300







SIZE (")	L (MM)	H2 (MM)	L2 (MM)	TOP FLANGE ISO	WEIGHT (KG)	TORQUE (NM*)
1/2	140	95	160	F05	2.8	12
3/4	152	101	160	F05	4.7	15
1	165	115	180	F05	6.3	17
1 1/4	178	125	180	F05	8.2	34
1 1/2	190	135	300	F07	10.8	45
2	216	145	300	F07	15.9	57
2 1/2	241	157	300	F07	19.2	70
3	283	197	450	F10	31.5	120
4	305	212	450	F10	43	200
5	381	230	800	F12	67.5	380
6	403	263	800	F12	81	720

*Calculated based on normal ºC. To be used as a guide for actuator selection. 1.3~1.5 Safety Factor is recommended for actuator sizing. It may be changed depending on seat materials.

STANDARDS	
DESIGN	EN12516-1&2 ANSI B16.34&API 6D
FACE TO FACE	EN558-1
FLANGED ENDS	EN 1092-1
TOP FLANGE	ISO 5211
PRESSURE TESTS	EN12266-1/API 598/API 6D
VISUAL INSPECTION	MSS-SP-55

MAIN FEATURES
Bidirectional Split body Flanged Ends Full bore Floating ball Soft seat Pressure relieving seats Anti blow out stem Antistatic device Locking device Fire Safe

MATERIALS	
BODY	Carbon steel , stainless steel, Duplex, Superduplex, Exotic materials...
TRIM	Stainless steel, Duplex, Superduplex, Exotic materials...
SEATS	PTFE, Reinforced PTFE, Viton, Nylon, Kelf, Devlon...
SPECIAL REQUIREMENTS	Heating jacket, cryogenic designs, all kind of operated, painting and coating

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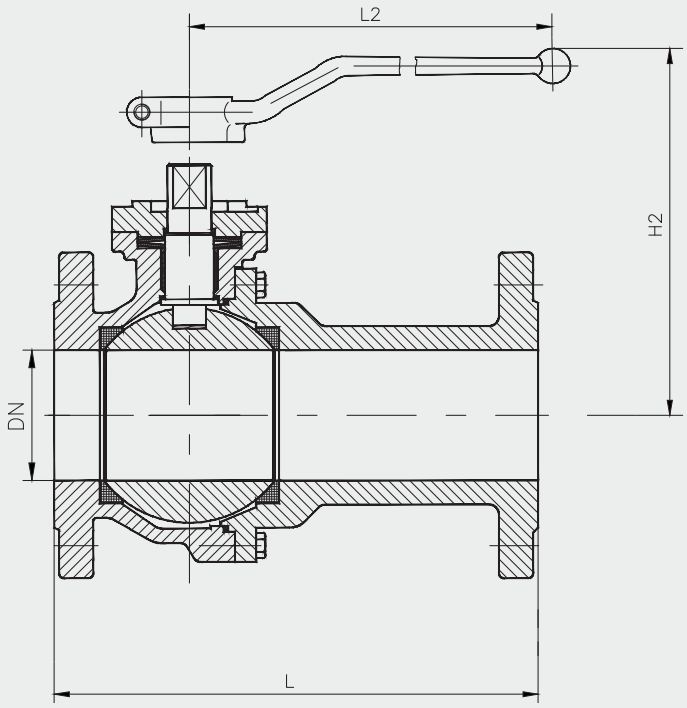
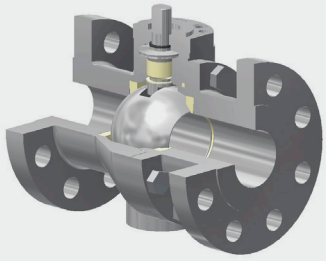
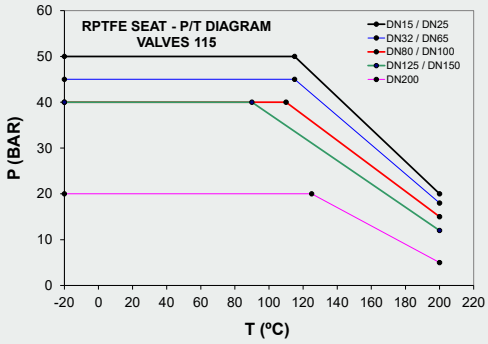
FHT VALVES
FLOW EXPERIENCE

SOFT SEATED, TWO PIECE FLOATING BALL VALVE
1/2" - 8" CLASS 150
AUTOADJUSTABLE PACKING

FIG. FHT-115-A150







SIZE (")	L (MM)	H2 (MM)	L2 (MM)	TOP FLANGE ISO	WEIGHT (KG)	TORQUE (NM*)
1/2	108	105	180	F05	2	9
3/4	117	108	180	F05	3	13
1	127	112	180	F05	3.5	17
1 1/4	140	118	180	F05	6	24
1 1/2	165	137	300	F07	8	30
2	178	143	300	F07	11	43
2 1/2	190	153	300	F07	16	66
3	203	155	450	F10	23	102
4	229	170	450	F10	38	150
5	254	230	800	F12	55	230
6	394	263	800	F12	88	325
8	457	356	800	F14	155	729

*Calculated based on normal ºC. To be used as a guide for actuator selection. 1.3~1.5 Safety Factor is recommended for actuator sizing. It may be changed depending on seat materials.

STANDARDS	
DESIGN	EN12516-1&2 ANSI B16.34&API 6D
FACE TO FACE	ASME B16.10
FLANGED ENDS	ASME B16.5
TOP FLANGE	ISO 5211
PRESSURE TESTS	EN12266-1/API 598/API 6D
VISUAL INSPECTION	MSS-SP-55

MAIN FEATURES

- Bidirectional
- Split body
- Flanged Ends
- Full bore
- Floating ball
- Soft seat
- Pressure relieving seats
- Anti blow out stem
- Antistatic device
- Locking device
- Fire Safe
- Autoadjustable Packing

MATERIALS	
BODY	Carbon steel , stainless steel, Duplex, Superduplex, Exotic materials...
TRIM	Stainless steel, Duplex, Superduplex, Exotic materials...
SEATS	PTFE, Reinforced PTFE, Viton, Nylon, Kelf, Devlon...
SPECIAL REQUIREMENTS	Heating jacket, cryogenic designs, all kind of operated, painting and coating

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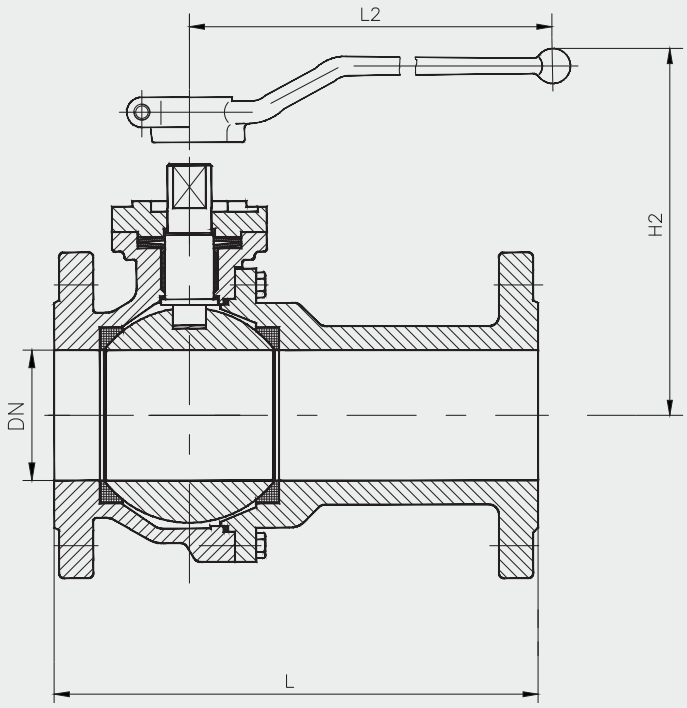
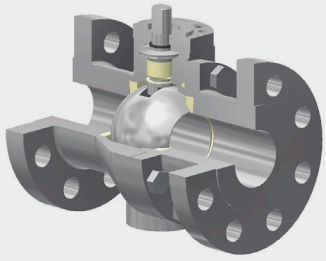
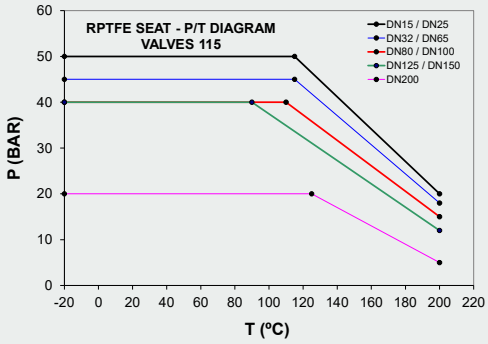
FHT VALVES
FLOW EXPERIENCE

SOFT SEATED, TWO PIECE FLOATING BALL VALVE
1/2" - 8" CLASS 300
AUTOADJUSTABLE PACKING

FIG. FHT-115-A300







SIZE (")	L (MM)	H2 (MM)	L2 (MM)	TOP FLANGE ISO	WEIGHT (KG)	TORQUE (NM*)
1/2	140	105	180	F05	3.2	12
3/4	152	108	180	F05	5	15
1	165	112	180	F05	6.8	17
1 1/4	178	118	180	F05	8.7	34
1 1/2	190	137	300	F07	11.5	45
2	216	143	300	F07	16.5	57
2 1/2	241	153	300	F07	21.1	70
3	283	155	450	F10	32.8	120
4	305	170	450	F10	44.8	200
5	381	230	800	F12	69.5	380
6	403	263	800	F12	85	620
8	502	356	800	F14	102	1100

*Calculated based on normal ºC. To be used as a guide for actuator selection. 1.3~1.5 Safety Factor is recommended for actuator sizing. It may be changed depending on seat materials.

STANDARDS	
DESIGN	EN12516-1&2 ANSI B16.34&API 6D
FACE TO FACE	ASME B16.10
FLANGED ENDS	ASME B16.5
TOP FLANGE	ISO 5211
PRESSURE TESTS	EN12266-1/API 598/API 6D
VISUAL INSPECTION	MSS-SP-55

MAIN FEATURES

Bidirectional
Split body
Flanged Ends
Full bore
Floating ball
Soft seat
Pressure relieving seats
Anti blow out stem
Antistatic device
Locking device
Fire Safe
Autoadjustable Packing

MATERIALS	
BODY	Carbon steel , stainless steel, Duplex, Superduplex, Exotic materials...
TRIM	Stainless steel, Duplex, Superduplex, Exotic materials...
SEATS	PTFE, Reinforced PTFE, Viton, Nylon, Kelf, Devlon...
SPECIAL REQUIREMENTS	Heating jacket, cryogenic designs, all kind of operated, painting and coating

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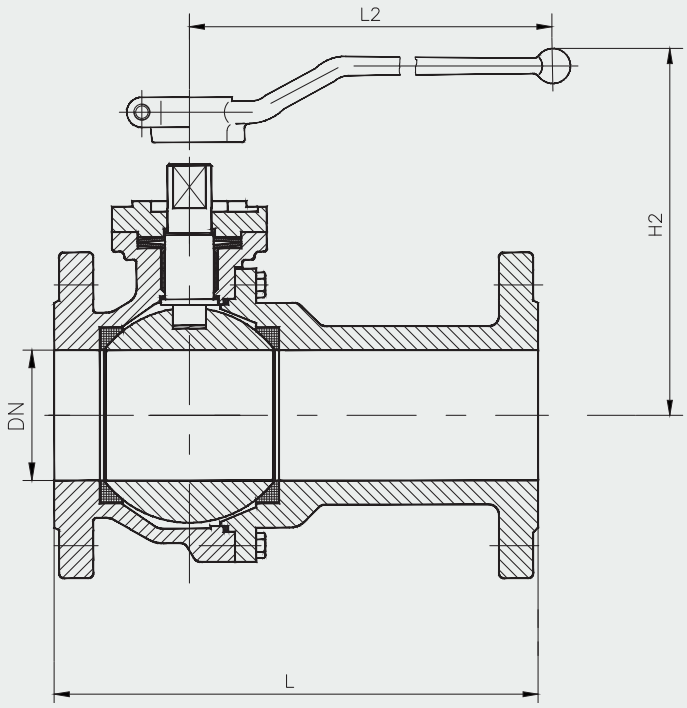
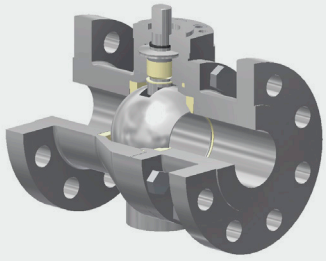
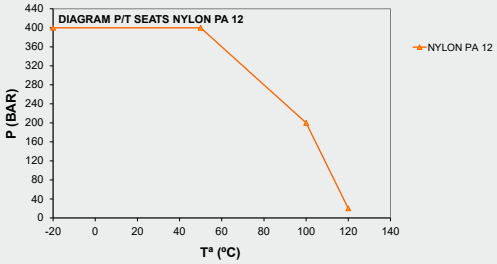
FHT VALVES
FLOW EXPERIENCE

SOFT SEATED, TWO PIECE FLOATING BALL VALVE
1/2" - 4" CLASS 600
AUTOADJUSTABLE PACKING

FIG. FHT-115-A600







SIZE (")	L (MM)	H2 (MM)	L2 (MM)	TOP FLANGE ISO	WEIGHT (KG)	TORQUE (NM*)
1/2	165	105	180	F05	5.5	23
3/4	190	108	180	F05	8	25
1	216	112	180	F05	10	65
1 1/4	229	118	180	F05	15	76
1 1/2	241	137	300	F07	19	88
2	292	143	300	F07	29	114
2 1/2	330	153	300	F07	35	212
3	356	155	450	F10	42	310
4	432	170	450	F10	78	484

*Calculated based on normal ºC. To be used as a guide for actuator selection. 1.3~1.5 Safety Factor is recommended for actuator sizing. It may be changed depending on seat materials.

STANDARDS	
DESIGN	EN12516-1&2 ANSI B16.34&API 6D
FACE TO FACE	ASME B16.10
FLANGED ENDS	ASME B16.5
TOP FLANGE	ISO 5211
PRESSURE TESTS	EN12266-1/API 598/API 6D
VISUAL INSPECTION	MSS-SP-55

MAIN FEATURES
Bidirectional Split body Flanged Ends Full bore Floating ball Soft seat Pressure relieving seats Anti blow out stem Antistatic device Locking device Fire Safe Autoadjustable Packing

MATERIALS	
BODY	Carbon steel , stainless steel, Duplex, Superduplex, Exotic materials...
TRIM	Stainless steel, Duplex, Superduplex, Exotic materials...
SEATS	PTFE, Reinforced PTFE, Viton, Nylon, Kelf, Devlon...
SPECIAL REQUIREMENTS	Heating jacket, cryogenic designs, all kind of operated, painting and coating

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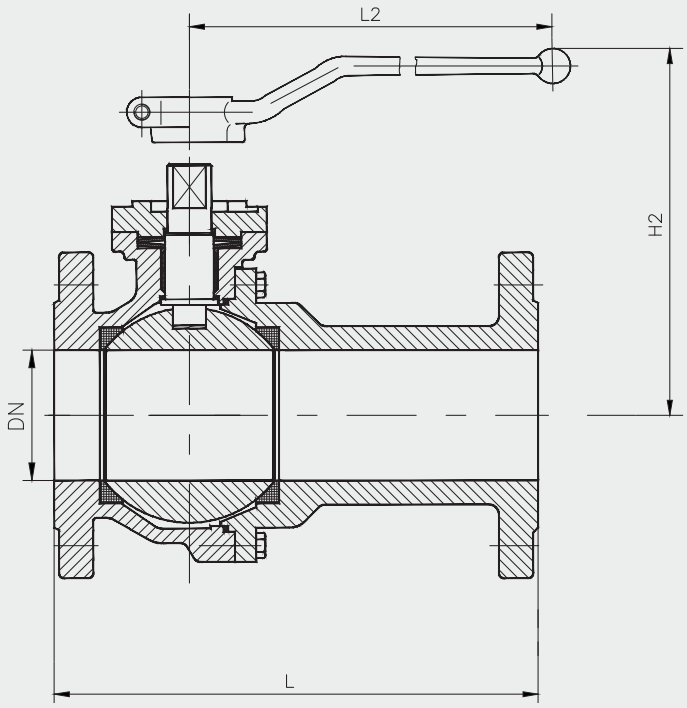
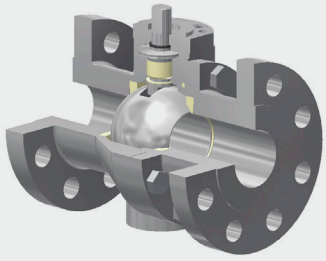
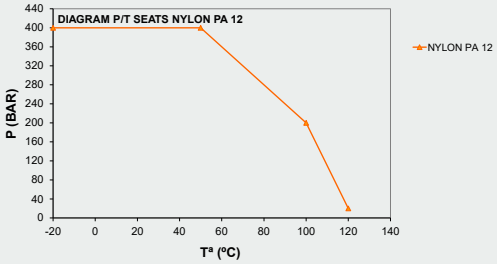
FHT VALVES
FLOW EXPERIENCE

SOFT SEATED, TWO PIECE FLOATING BALL VALVE
1/2" - 4" CLASS 900
AUTOADJUSTABLE PACKING

FIG. FHT-115-A900







SIZE (")	L (MM)	H2 (MM)	L2 (MM)	TOP FLANGE ISO	WEIGHT (KG)	TORQUE (NM*)
1/2	216	105	180	F05	7.5	28
3/4	229	108	180	F05	9.5	30
1	254	112	180	F05	11.5	78
1 1/4	229	118	180	F05	15	91
1 1/2	241	137	300	F07	19	105
2	292	143	300	F07	29	137
2 1/2	330	153	300	F07	35	254
3	356	155	450	F10	42	372
4	432	170	450	F10	78	581

*Calculated based on normal ºC. To be used as a guide for actuator selection. 1.3~1.5 Safety Factor is recommended for actuator sizing. It may be changed depending on seat materials.

STANDARDS	
DESIGN	EN12516-1&2 ANSI B16.34&API 6D
FACE TO FACE	ASME B16.10
FLANGED ENDS	ASME B16.5
TOP FLANGE	ISO 5211
PRESSURE TESTS	EN12266-1/API 598/API 6D
VISUAL INSPECTION	MSS-SP-55

MAIN FEATURES
Bidirectional Split body Flanged Ends Full bore Floating ball Soft seat Pressure relieving seats Anti blow out stem Antistatic device Locking device Fire Safe Autoadjustable Packing

MATERIALS	
BODY	Carbon steel , stainless steel, Duplex, Superduplex, Exotic materials...
TRIM	Stainless steel, Duplex, Superduplex, Exotic materials...
SEATS	PTFE, Reinforced PTFE, Viton, Nylon, Kelf, Devlon...
SPECIAL REQUIREMENTS	Heating jacket, cryogenic designs, all kind of operated, painting and coating

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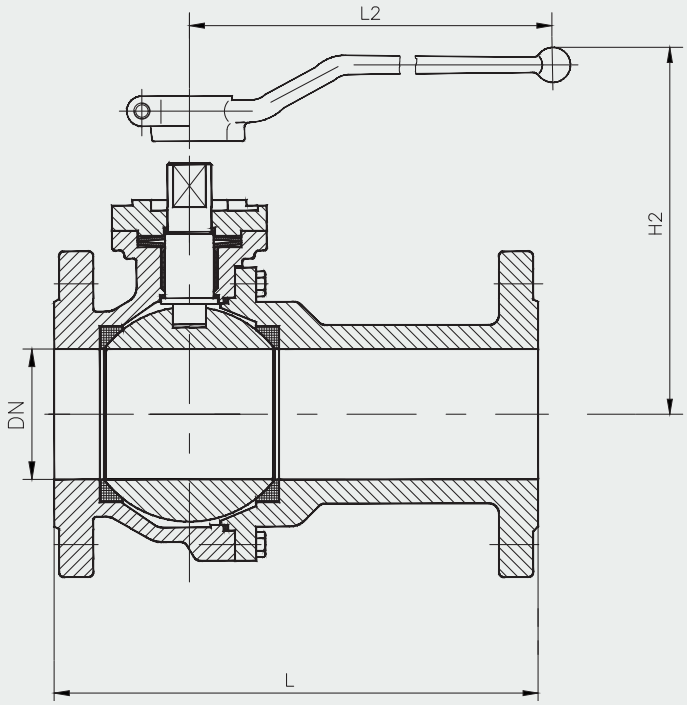
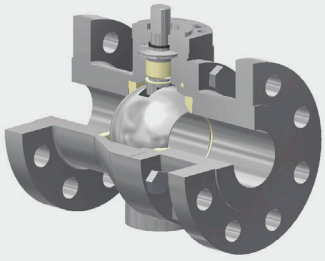
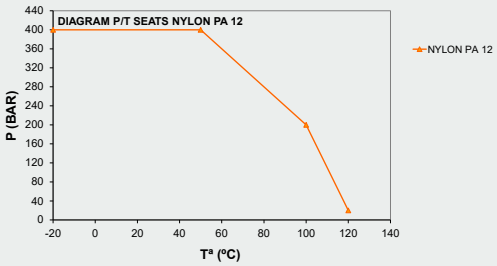
FHT VALVES
FLOW EXPERIENCE

SOFT SEATED, TWO PIECE FLOATING BALL VALVE
1/2" - 1" CLASS 1500
AUTOADJUSTABLE PACKING

FIG. FHT- 115-A1500







SIZE (")	L (MM)	H2 (MM)	L2 (MM)	TOP FLANGE ISO	WEIGHT (KG)	TORQUE (NM*)
1/2	216	105	180	F05	7.6	34
3/4	229	108	180	F05	9.7	36
1	254	112	180	F05	13	93

*Calculated based on normal ºC. To be used as a guide for actuator selection. 1.3~1.5 Safety Factor is recommended for actuator sizing. It may be changed depending on seat materials.

STANDARDS	
DESIGN	EN12516-1&2 ANSI B16.34&API 6D
FACE TO FACE	ASME B16.10
FLANGED ENDS	ASME B16.5
TOP FLANGE	ISO 5211
PRESSURE TESTS	EN12266-1/API 598/API 6D
VISUAL INSPECTION	MSS-SP-55

MAIN FEATURES
Bidirectional Split body Flanged Ends Full bore Floating ball Soft seat Pressure relieving seats Anti blow out stem Antistatic device Locking device Fire Safe Autoadjustable Packing

MATERIALS	
BODY	Carbon steel , stainless steel, Duplex, Superduplex, Exotic materials...
TRIM	Stainless steel, Duplex, Superduplex, Exotic materials...
SEATS	PTFE, Reinforced PTFE, Viton, Nylon, Kelf, Devlon...
SPECIAL REQUIREMENTS	Heating jacket, cryogenic designs, all kind of operated, painting and coating

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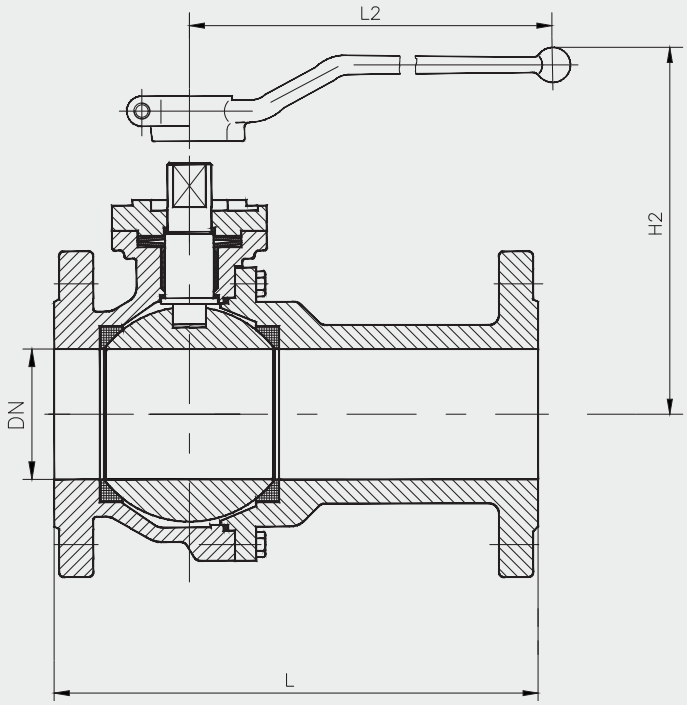
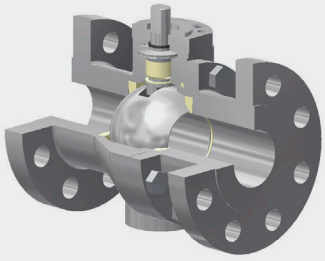
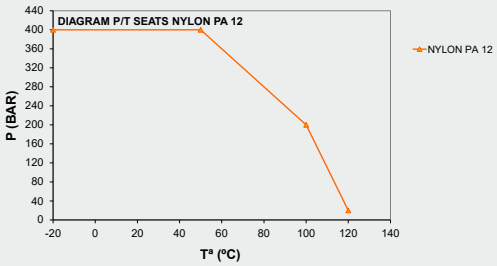
FHT VALVES
FLOW EXPERIENCE

SOFT SEATED, TWO PIECE FLOATING BALL VALVE
1/2" - 1" CLASS 2500
AUTOADJUSTABLE PACKING

FIG. FHT-115-A2500







SIZE (")	L (MM)	H2 (MM)	L2 (MM)	TOP FLANGE ISO	WEIGHT (KG)	TORQUE (NM*)
1/2	264	105	180	F05	10.6	41
3/4	273	108	180	F05	15.7	43
1	308	112	180	F05	19.8	110

*Calculated based on normal ºC. To be used as a guide for actuator selection. 1.3~1.5 Safety Factor is recommended for actuator sizing. It may be changed depending on seat materials.

STANDARDS	
DESIGN	EN12516-1&2 ANSI B16.34&API 6D
FACE TO FACE	ASME B16.10
FLANGED ENDS	ASME B16.5
TOP FLANGE	ISO 5211
PRESSURE TESTS	EN12266-1/API 598/API 6D
VISUAL INSPECTION	MSS-SP-55

MAIN FEATURES
Bidirectional Split body Flanged Ends Full bore Floating ball Soft seat Pressure relieving seats Anti blow out stem Antistatic device Locking device Fire Safe Autoadjustable Packing

MATERIALS	
BODY	Carbon steel , stainless steel, Duplex, Superduplex, Exotic materials...
TRIM	Stainless steel, Duplex, Superduplex, Exotic materials...
SEATS	PTFE, Reinforced PTFE, Viton, Nylon, Kelf, Devlon...
SPECIAL REQUIREMENTS	Heating jacket, cryogenic designs, all kind of operated, painting and coating

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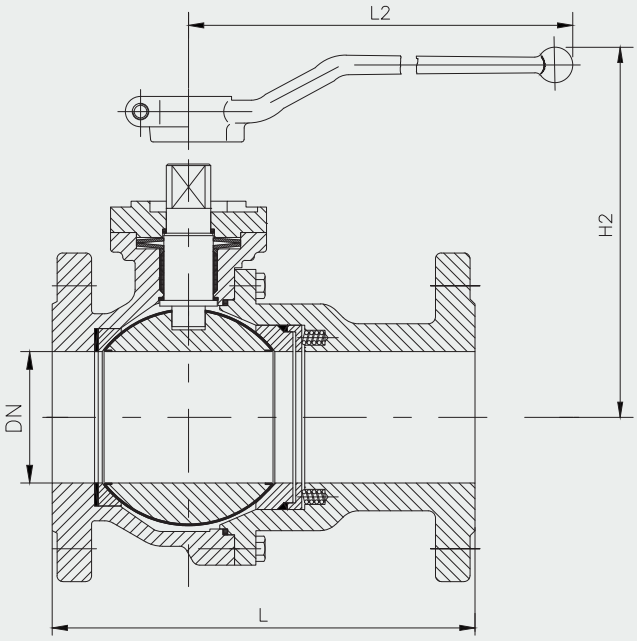
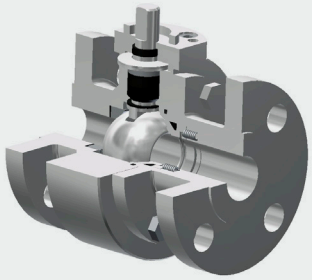
FHT VALVES
FLOW EXPERIENCE

METAL SEATED, TWO PIECE FLOATING BALL VALVE
1/2" - 8" CLASS 150
AUTOADJUSTABLE PACKING, SPRING LOADED

FIG. FHT-114-A150





SIZE (")	L (MM)	H2 (MM)	L2 (MM)	TOP FLANGE ISO	WEIGHT (KG)	TORQUE (NM*)
1/2	108	105	180	F05	2	20
3/4	117	108	180	F05	3	26
1	127	112	180	F05	3.5	27
1 1/4	140	118	180	F05	6	50
1 1/2	165	137	300	F07	8	70
2	178	143	300	F07	12	88
2 1/2	190	153	300	F07	16	110
3	203	155	450	F10	26.8	234
4	229	170	450	F10	38	330
5	254	230	800	F12	55	580
6	394	263	800	F12	88	820
8	457	356	800	F14	155	1200

*Calculated based on normal ºC. To be used as a guide for actuator selection. 1.3~1.5 Safety Factor is recommended for actuator sizing. It may be changed depending on seat materials.

STANDARDS	
DESIGN	EN12516-1&2 ANSI B16.34&API 6D
FACE TO FACE	ASME B16.10
FLANGED ENDS	ASME B16.5
TOP FLANGE	ISO 5211
PRESSURE TESTS	EN12266-1/API 598/API 6D
VISUAL INSPECTION	MSS-SP-55

MAIN FEATURES

- Bidirectional
- Split body
- Flanged Ends
- Full bore
- Floating ball
- Metal seat
- Pressure relieving seats
- Anti blow out stem
- Antistatic device
- Locking device
- Fire Safe
- Autoadjustable Packing

MATERIALS	
BODY	Carbon steel , stainless steel, Duplex, Superduplex, Exotic materials...
TRIM	Stainless steel, Duplex, Superduplex, Exotic materials...
SEATS	PTFE, Reinforced PTFE, Viton, Nylon, Kelf, Devlon...
SPECIAL REQUIREMENTS	Heating jacket, cryogenic designs, all kind of operated, painting and coating

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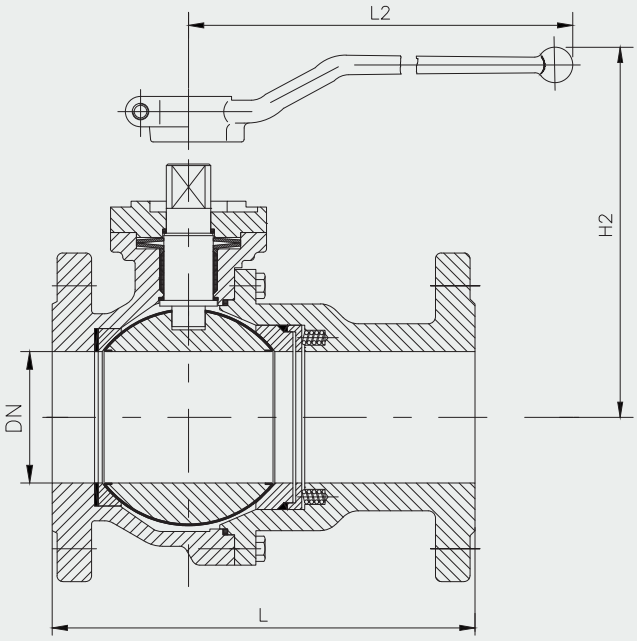
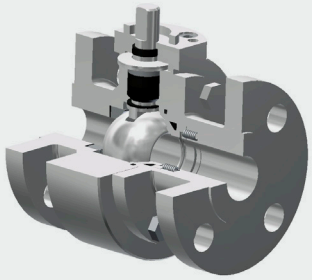
FHT VALVES
FLOW EXPERIENCE

METAL SEATED, TWO PIECE FLOATING BALL VALVE
1/2" - 8" CLASS 300
AUTOADJUSTABLE PACKING, SPRING LOADED

FIG. FHT-114-A300





SIZE (")	L (MM)	H2 (MM)	L2 (MM)	TOP FLANGE ISO	WEIGHT (KG)	TORQUE (NM*)
1/2	140	105	180	F05	4	20
3/4	152	108	180	F05	5	26
1	165	112	180	F05	7.6	27
1 1/4	178	118	180	F05	11	50
1 1/2	190	137	300	F07	14	70
2	216	143	300	F07	18.1	88
2 1/2	241	153	300	F07	25	110
3	283	155	450	F10	31.8	234
4	305	170	450	F10	54	330
5	381	230	800	F12	75	580
6	403	263	800	F12	96	820
8	502	356	800	F14	150	1200

*Calculated based on normal ºC. To be used as a guide for actuator selection. 1.3~1.5 Safety Factor is recommended for actuator sizing. It may be changed depending on seat materials.

STANDARDS	
DESIGN	EN12516-1&2 ANSI B16.34&API 6D
FACE TO FACE	ASME B16.10
FLANGED ENDS	ASME B16.5
TOP FLANGE	ISO 5211
PRESSURE TESTS	EN12266-1/API 598/API 6D
VISUAL INSPECTION	MSS-SP-55

MAIN FEATURES

Bidirectional
Split body
Flanged Ends
Full bore
Floating ball
Metal seat
Pressure relieving seats
Anti blow out stem
Antistatic device
Locking device
Fire Safe
Autoadjustable Packing

MATERIALS	
BODY	Carbon steel , stainless steel, Duplex, Superduplex, Exotic materials...
TRIM	Stainless steel, Duplex, Superduplex, Exotic materials...
SEATS	PTFE, Reinforced PTFE, Viton, Nylon, Kelf, Devlon...
SPECIAL REQUIREMENTS	Heating jacket, cryogenic designs, all kind of operated, painting and coating

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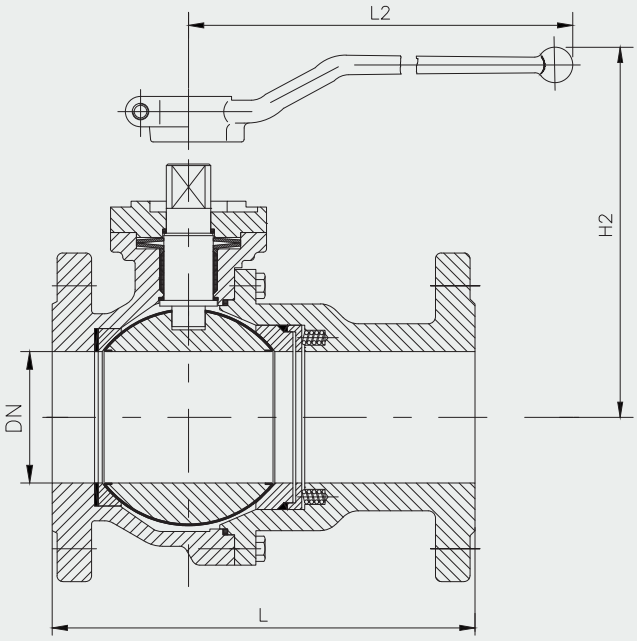
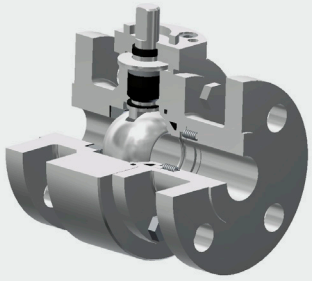
FHT VALVES
FLOW EXPERIENCE

METAL SEATED, TWO PIECE FLOATING BALL VALVE
1/2" - 4" CLASS 600
AUTOADJUSTABLE PACKING, SPRING LOADED

FIG. FHT-114-A600





SIZE (")	L (MM)	H2 (MM)	L2 (MM)	TOP FLANGE ISO	WEIGHT (KG)	TORQUE (NM*)
1/2	165	105	180	F05	5.5	40
3/4	190	108	180	F05	8	48
1	216	112	180	F05	10	58
1 1/4	229	118	180	F05	15	68
1 1/2	241	137	300	F07	19	180
2	292	143	300	F07	29	240
2 1/2	330	153	300	F07	35	380
3	356	155	450	F10	42	780
4	432	170	450	F10	78	1250

*** TORQUE AT 40 BAR**

*Calculated based on normal ºC. To be used as a guide for actuator selection. 1.3~1.5 Safety Factor is recommended for actuator sizing. It may be changed depending on seat materials.

STANDARDS	
DESIGN	EN12516-1&2 ANSI B16.34&API 6D
FACE TO FACE	ASME B16.10
FLANGED ENDS	ASME B16.5
TOP FLANGE	ISO 5211
PRESSURE TESTS	EN12266-1/API 598/API 6D
VISUAL INSPECTION	MSS-SP-55

MAIN FEATURES

Bidirectional
Split body
Flanged Ends
Full bore
Floating ball
Metal seat
Pressure relieving seats
Anti blow out stem
Antistatic device
Locking device
Fire Safe
Autoadjustable Packing

MATERIALS	
BODY	Carbon steel , stainless steel, Duplex, Superduplex, Exotic materials...
TRIM	Stainless steel, Duplex, Superduplex, Exotic materials...
SEATS	PTFE, Reinforced PTFE, Viton, Nylon, Kelf, Devlon...
SPECIAL REQUIREMENTS	Heating jacket, cryogenic designs, all kind of operated, painting and coating

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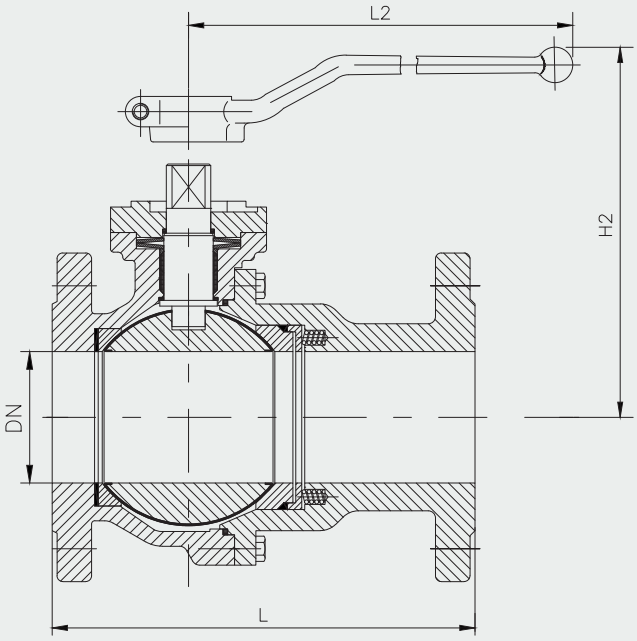
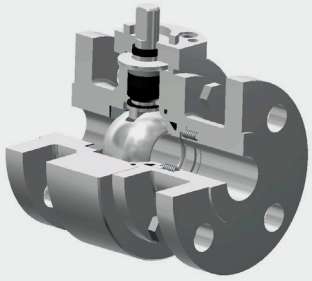
FHT VALVES
FLOW EXPERIENCE

METAL SEATED, TWO PIECE FLOATING BALL VALVE
1/2" - 4" CLASS 900
AUTOADJUSTABLE PACKING, SPRING LOADED

FIG. FHT-114-A900





SIZE (")	L (MM)	H2 (MM)	L2 (MM)	TOP FLANGE ISO	WEIGHT (KG)	TORQUE (NM*)
1/2	216	105	180	F05	7.5	40
3/4	229	108	180	F05	9.5	48
1	254	112	180	F05	11.5	58
1 1/4	229	118	180	F05	15	68
1 1/2	241	137	300	F07	19	180
2	292	143	300	F07	29	240
2 1/2	330	153	300	F07	35	380
3	356	155	450	F10	42	780
4	432	170	450	F10	78	1250

*** TORQUE AT 40 BAR**

*Calculated based on normal ºC. To be used as a guide for actuator selection. 1.3~1.5 Safety Factor is recommended for actuator sizing. It may be changed depending on seat materials.

STANDARDS	
DESIGN	EN12516-1&2 ANSI B16.34&API 6D
FACE TO FACE	ASME B16.10
FLANGED ENDS	ASME B16.5
TOP FLANGE	ISO 5211
PRESSURE TESTS	EN12266-1/API 598/API 6D
VISUAL INSPECTION	MSS-SP-55

MAIN FEATURES

Bidirectional
Split body
Flanged Ends
Full bore
Floating ball
Metal seat
Pressure relieving seats
Anti blow out stem
Antistatic device
Locking device
Fire Safe
Autoadjustable Packing

MATERIALS	
BODY	Carbon steel , stainless steel, Duplex, Superduplex, Exotic materials...
TRIM	Stainless steel, Duplex, Superduplex, Exotic materials...
SEATS	PTFE, Reinforced PTFE, Viton, Nylon, Kelf, Devlon...
SPECIAL REQUIREMENTS	Heating jacket, cryogenic designs, all kind of operated, painting and coating

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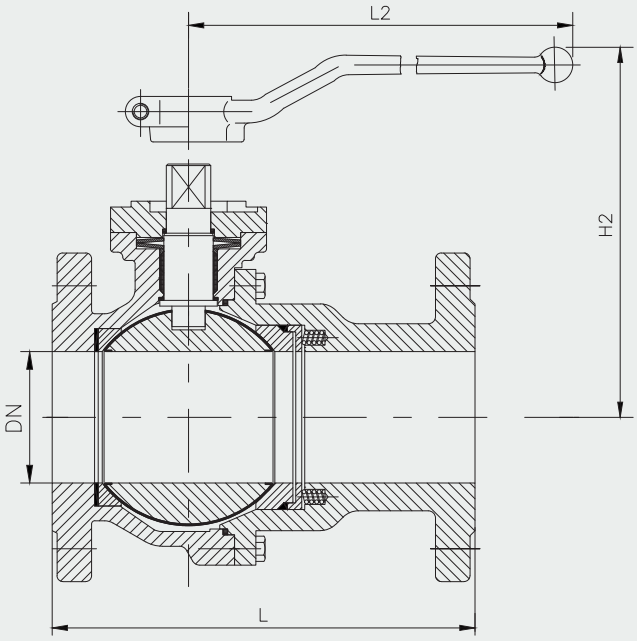
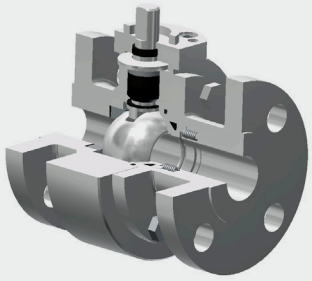
FHT VALVES
FLOW EXPERIENCE

METAL SEATED, TWO PIECE FLOATING BALL VALVE
1/2" - 1" CLASS 1500
AUTOADJUSTABLE PACKING, SPRING LOADED

FIG. FHT-114-A1500





SIZE (")	L (MM)	H2 (MM)	L2 (MM)	TOP FLANGE ISO	WEIGHT (KG)	TORQUE (NM*)
1/2	216	105	180	F05	7.6	40
3/4	229	108	180	F05	9.7	48
1	254	112	180	F05	13	58

*** TORQUE AT 40 BAR**

*Calculated based on normal ºC. To be used as a guide for actuator selection. 1.3~1.5 Safety Factor is recommended for actuator sizing. It may be changed depending on seat materials.

STANDARDS	
DESIGN	EN12516-1&2 ANSI B16.34&API 6D
FACE TO FACE	ASME B16.10
FLANGED ENDS	ASME B16.5
TOP FLANGE	ISO 5211
PRESSURE TESTS	EN12266-1/API 598/API 6D
VISUAL INSPECTION	MSS-SP-55

MAIN FEATURES
Bidirectional Split body Flanged Ends Full bore Floating ball Metal seat Pressure relieving seats Anti blow out stem Antistatic device Locking device Fire Safe Autoadjustable Packing

MATERIALS	
BODY	Carbon steel , stainless steel, Duplex, Superduplex, Exotic materials...
TRIM	Stainless steel, Duplex, Superduplex, Exotic materials...
SEATS	PTFE, Reinforced PTFE, Viton, Nylon, Kelf, Devlon...
SPECIAL REQUIREMENTS	Heating jacket, cryogenic designs, all kind of operated, painting and coating

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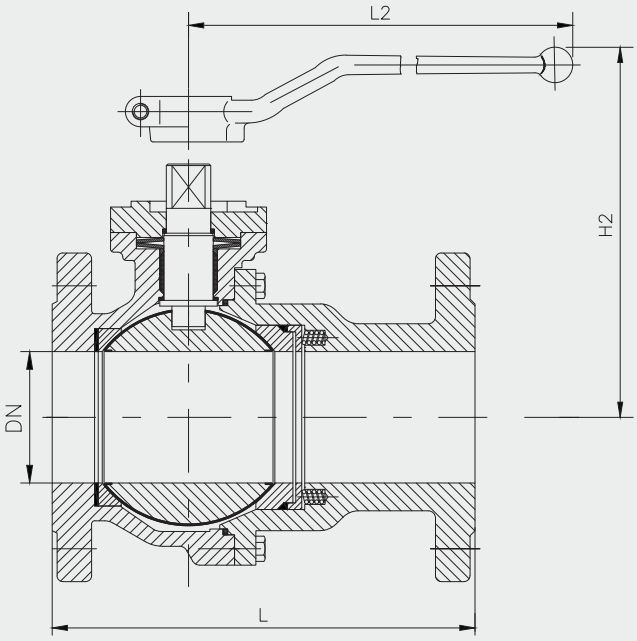
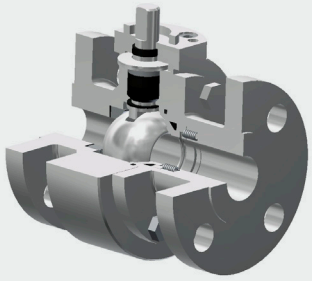
FHT VALVES
FLOW EXPERIENCE

METAL SEATED, TWO PIECE FLOATING BALL VALVE
1/2" - 1" CLASS 2500
AUTOADJUSTABLE PACKING, SPRING LOADED

FIG. FHT-114-A2500





SIZE (")	L (MM)	H2 (MM)	L2 (MM)	TOP FLANGE ISO	WEIGHT (KG)	TORQUE (NM*)
1/2	264	105	180	F05	10.6	40
3/4	273	108	180	F05	15.7	48
1	308	112	180	F05	19.8	58

*** TORQUE AT 40 BAR**

*Calculated based on normal ºC. To be used as a guide for actuator selection. 1.3~1.5 Safety Factor is recommended for actuator sizing. It may be changed depending on seat materials.

STANDARDS	
DESIGN	EN12516-1&2 ANSI B16.34&API 6D
FACE TO FACE	ASME B16.10
FLANGED ENDS	ASME B16.5
TOP FLANGE	ISO 5211
PRESSURE TESTS	EN12266-1/API 598/API 6D
VISUAL INSPECTION	MSS-SP-55

MAIN FEATURES
Bidirectional Split body Flanged Ends Full bore Floating ball Metal seat Pressure relieving seats Anti blow out stem Antistatic device Locking device Fire Safe Autoadjustable Packing

MATERIALS	
BODY	Carbon steel , stainless steel, Duplex, Superduplex, Exotic materials...
TRIM	Stainless steel, Duplex, Superduplex, Exotic materials...
SEATS	PTFE, Reinforced PTFE, Viton, Nylon, Kelf, Devlon...
SPECIAL REQUIREMENTS	Heating jacket, cryogenic designs, all kind of operated, painting and coating

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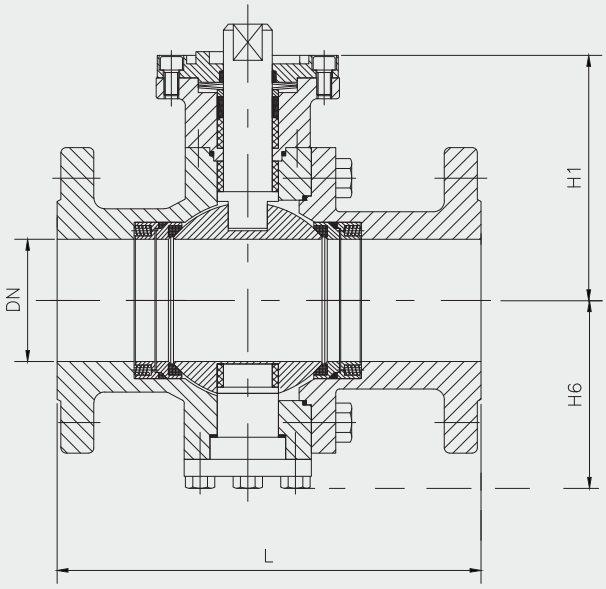
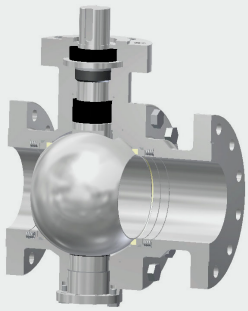
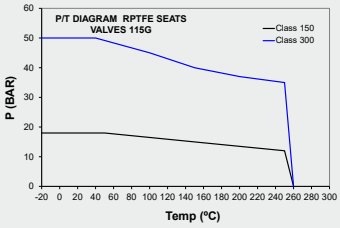
FHT VALVES
FLOW EXPERIENCE

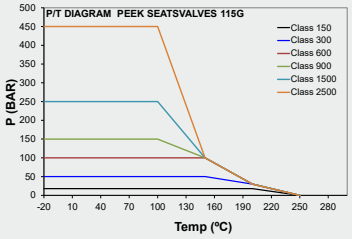
SOFT SEATED, TWO PIECE TRUNNION BALL VALVE
2" - 14" CLASS 150
AUTOADJUSTABLE PACKING, SPRING LOADED

FIG. FHT-115G-A150









SIZE (")	L (MM)	H1 (MM)	H6 (MM)	TOP FLANGE ISO	WEIGHT (KG)	TORQUE (NM*)
2	178	131.5	96	F10	19	80
2 1/2	190	142	103.5	F10	32	90
3	203	188.5	141	F12	47	160
4	229	200.5	151	F12	58	210
5	254	258	192	F16	95	350
6	394	277	205	F16	122	500
8	457	310	230	F16	220	780
10	533	351	270	F16	290	1100
12	610	386	295	F16	365	1650
14	686	415	348	F16	500	2258

*Calculated based on normal ºC. To be used as a guide for actuator selection. 1.3~1.5 Safety Factor is recommended for actuator sizing. It may be changed depending on seat materials.

STANDARDS	
DESIGN	EN12516-1&2 ANSI B16.34&API 6D
FACE TO FACE	ASME B16.10
FLANGED ENDS	ASME B16.5
TOP FLANGE	ISO 5211
PRESSURE TESTS	EN12266-1/API 598/API 6D
VISUAL INSPECTION	MSS-SP-55

MAIN FEATURES

Bidirectional
Split body
Flanged Ends
Full bore
Trunnion ball
Soft seat
Pressure relieving seats
Anti blow out stem
Antistatic device
Locking device
Fire Safe
Autoadjustable Packing

MATERIALS	
BODY	Carbon steel , stainless steel, Duplex, Superduplex, Exotic materials...
TRIM	Stainless steel, Duplex, Superduplex, Exotic materials...
SEATS	PTFE, Reinforced PTFE, Viton, Nylon, Kelf, Devlon...
SPECIAL REQUIREMENTS	Heating jacket, cryogenic designs, all kind of operated, painting and coating

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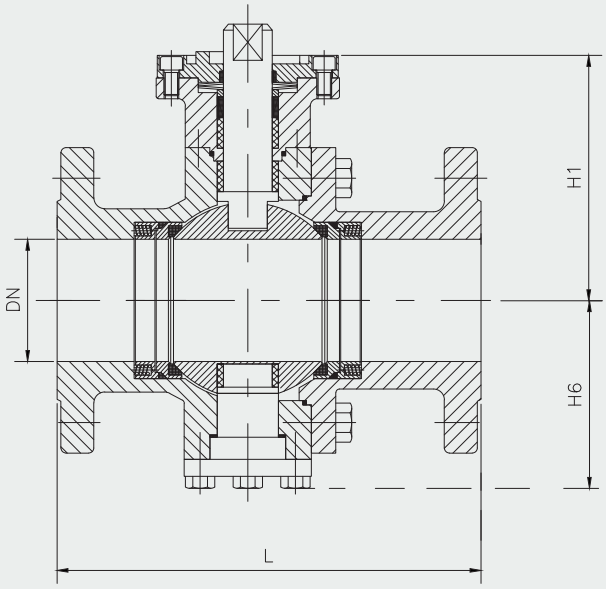
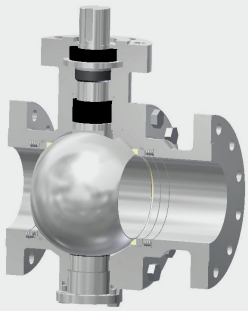
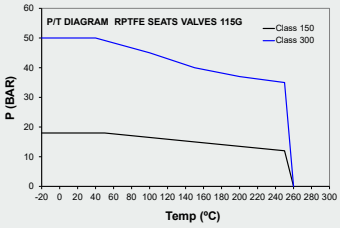
FHT VALVES
FLOW EXPERIENCE

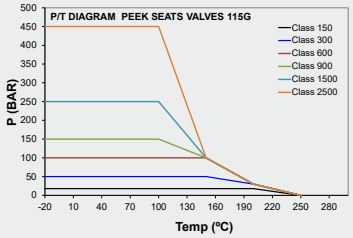
SOFT SEATED, TWO PIECE TRUNNION BALL VALVE
2" - 14" CLASS 300
AUTOADJUSTABLE PACKING, SPRING LOADED

FIG. FHT-115G-A300









SIZE (")	L (MM)	H1 (MM)	H6 (MM)	TOP FLANGE ISO	WEIGHT (KG)	TORQUE (NM*)
2	216	131.5	96	F10	21.5	140
2 1/2	241	142	103.5	F10	35	190
3	283	188.5	141	F12	51	350
4	305	200.5	151	F12	63	490
5	381	258	192	F16	100	630
6	403	277	205	F16	135	1150
8	502	310	230	F16	230	1900
10	568	351	270	F16	320	3100
12	648	386	295	F16	450	5100
14	762	415	348	F16	580	7100

*Calculated based on normal ºC. To be used as a guide for actuator selection. 1.3~1.5 Safety Factor is recommended for actuator sizing. It may be changed depending on seat materials.

STANDARDS	
DESIGN	EN12516-1&2 ANSI B16.34&API 6D
FACE TO FACE	ASME B16.10
FLANGED ENDS	ASME B16.5
TOP FLANGE	ISO 5211
PRESSURE TESTS	EN12266-1/API 598/API 6D
VISUAL INSPECTION	MSS-SP-55

MAIN FEATURES
Bidirectional
Split body
Flanged Ends
Full bore
Trunnion ball
Soft seat
Pressure relieving seats
Anti blow out stem
Antistatic device
Locking device
Fire Safe
Autoadjustable Packing

MATERIALS	
BODY	Carbon steel , stainless steel, Duplex, Superduplex, Exotic materials...
TRIM	Stainless steel, Duplex, Superduplex, Exotic materials...
SEATS	PTFE, Reinforced PTFE, Viton, Nylon, Kelf, Devlon...
SPECIAL REQUIREMENTS	Heating jacket, cryogenic designs, all kind of operated, painting and coating

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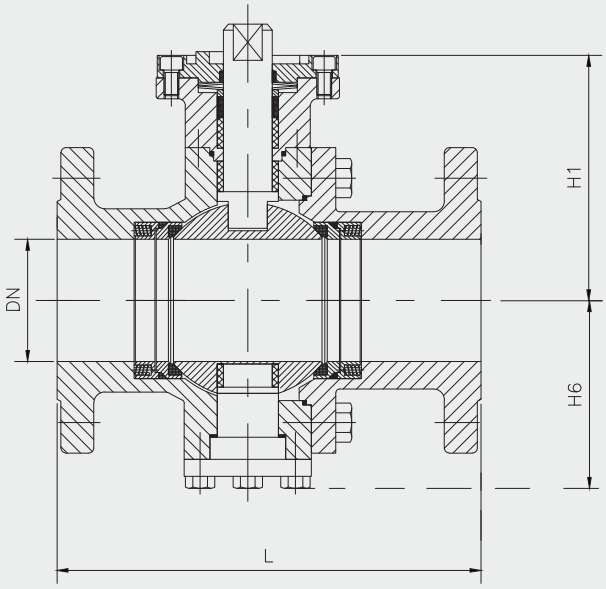
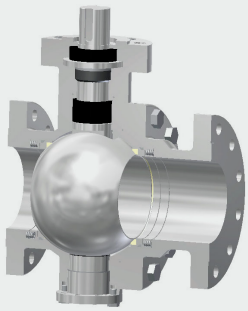
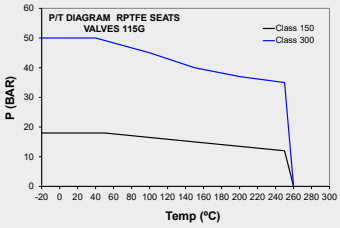
FHT VALVES
FLOW EXPERIENCE

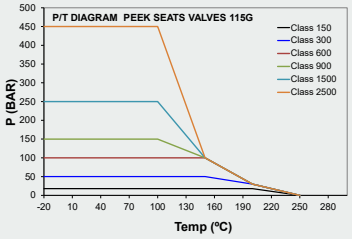
SOFT SEATED, TWO PIECE TRUNNION BALL VALVE
2" - 14" CLASS 600
AUTOADJUSTABLE PACKING, SPRING LOADED

FIG. FHT-115G-A600









SIZE (")	L (MM)	H1 (MM)	H6 (MM)	TOP FLANGE ISO	WEIGHT (KG)	TORQUE (NM*)
2	292	131.5	96	F10	27	220
2 1/2	330	142	103.5	F10	41	360
3	356	188.5	141	F12	54.6	540
4	432	200.5	151	F12	82	840
5	0	258	192	F16	145	1100
6	559	277	205	F16	205	1650
8	660	310	230	F16	310	3450
10	787	351	270	F16	420	6100
12	838	386	295	F16	570	9800
14	889	415	348	F16	730	11900

*Calculated based on normal ºC. To be used as a guide for actuator selection. 1.3~1.5 Safety Factor is recommended for actuator sizing. It may be changed depending on seat materials.

STANDARDS	
DESIGN	EN12516-1&2 ANSI B16.34&API 6D
FACE TO FACE	ASME B16.10
FLANGED ENDS	ASME B16.5
TOP FLANGE	ISO 5211
PRESSURE TESTS	EN12266-1/API 598/API 6D
VISUAL INSPECTION	MSS-SP-55

MAIN FEATURES
Bidirectional Split body Flanged Ends Full bore Trunnion ball Soft seat Pressure relieving seats Anti blow out stem Antistatic device Locking device Fire Safe Autoadjustable Packing

MATERIALS	
BODY	Carbon steel , stainless steel, Duplex, Superduplex, Exotic materials...
TRIM	Stainless steel, Duplex, Superduplex, Exotic materials...
SEATS	PTFE, Reinforced PTFE, Viton, Nylon, Kelf, Devlon...
SPECIAL REQUIREMENTS	Heating jacket, cryogenic designs, all kind of operated, painting and coating

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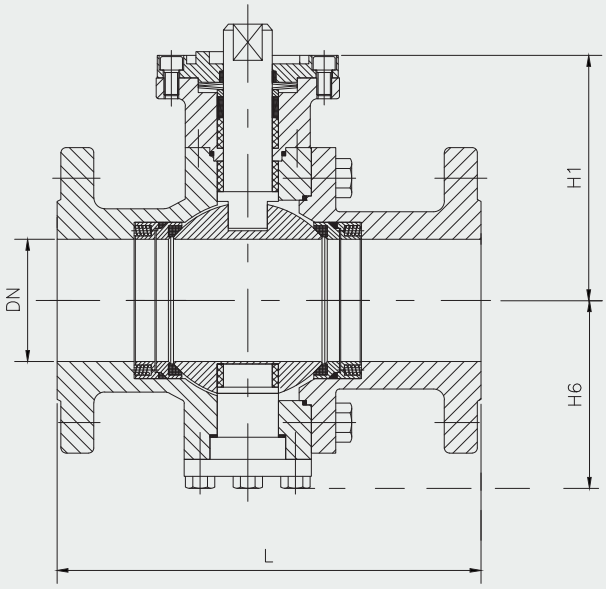
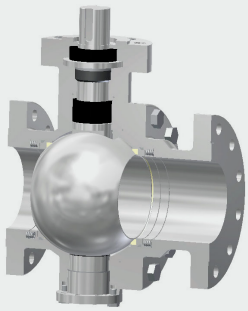
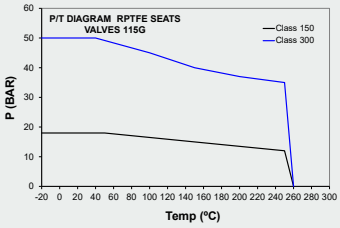
FHT VALVES
FLOW EXPERIENCE

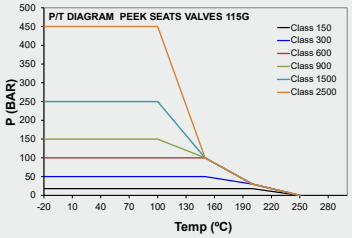
SOFT SEATED, TWO PIECE TRUNNION BALL VALVE
2" - 14" CLASS 900
AUTOADJUSTABLE PACKING, SPRING LOADED

FIG. FHT-115G-A900









SIZE (")	L (MM)	H1 (MM)	H6 (MM)	TOP FLANGE ISO	WEIGHT (KG)	TORQUE (NM*)
2	368	131.5	96	F10	42	310
2 1/2	419	142	103.5	F10	60	510
3	381	188.5	141	F12	75	690
4	457	200.5	151	F12	90	1050
5	0	258	192	F16	195	1600
6	610	277	205	F16	217	2500
8	737	310	230	F16	380	4700
10	838	351	270	F16	500	8700
12	965	386	295	F16	670	12500
14	1029	415	348	F16	850	14500

*Calculated based on normal ºC. To be used as a guide for actuator selection. 1.3~1.5 Safety Factor is recommended for actuator sizing. It may be changed depending on seat materials.

STANDARDS	
DESIGN	EN12516-1&2 ANSI B16.34&API 6D
FACE TO FACE	ASME B16.10
FLANGED ENDS	ASME B16.5
TOP FLANGE	ISO 5211
PRESSURE TESTS	EN12266-1/API 598/API 6D
VISUAL INSPECTION	MSS-SP-55

MAIN FEATURES
Bidirectional Split body Flanged Ends Full bore Trunnion ball Soft seat Pressure relieving seats Anti blow out stem Antistatic device Locking device Fire Safe Autoadjustable Packing

MATERIALS	
BODY	Carbon steel , stainless steel, Duplex, Superduplex, Exotic materials...
TRIM	Stainless steel, Duplex, Superduplex, Exotic materials...
SEATS	PTFE, Reinforced PTFE, Viton, Nylon, Kelf, Devlon...
SPECIAL REQUIREMENTS	Heating jacket, cryogenic designs, all kind of operated, painting and coating

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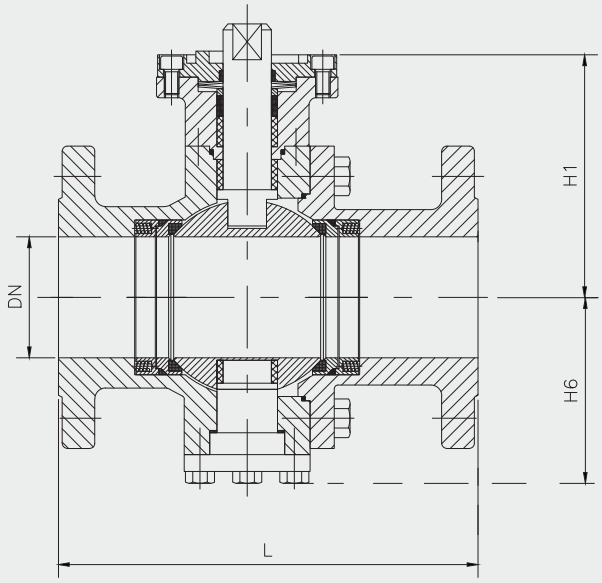
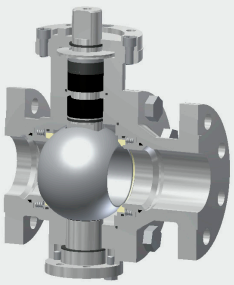
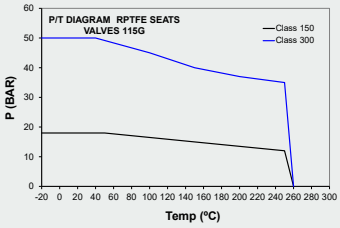
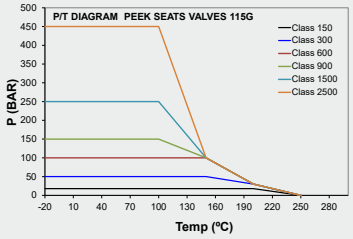
SOFT SEATED, TWO PIECE TRUNNION BALL VALVE
2" - 14" CLASS 150
PROTECTED SEAT, AUTOADJUSTABLE PACKING, SPRING LOADED

FIG. FHT-117G-A150









SIZE (")	L (MM)	H1 (MM)	H6 (MM)	TOP FLANGE ISO	WEIGHT (KG)	TORQUE (NM*)
2	178	131.5	96	F10	19	80
2 1/2	190	142	103.5	F10	32	90
3	203	188.5	141	F12	47	160
4	229	200.5	151	F12	58	210
5	254	258	192	F16	95	350
6	394	277	205	F16	122	500
8	457	310	230	F16	220	780
10	533	351	270	F16	290	1100
12	610	386	295	F16	365	1650
14	686	415	348	F16	500	2258

*Calculated based on normal ºC. To be used as a guide for actuator selection. 1.3~1.5 Safety Factor is recommended for actuator sizing. It may be changed depending on seat materials.

STANDARDS	
DESIGN	EN12516-1&2 ANSI B16.34&API 6D
FACE TO FACE	ASME B16.10
FLANGED ENDS	ASME B16.5
TOP FLANGE	ISO 5211
PRESSURE TESTS	EN12266-1/API 598/API 6D
VISUAL INSPECTION	MSS-SP-55

MAIN FEATURES
Bidirectional
Split body
Flanged Ends
Full bore
Trunnion ball
Soft seat
Pressure relieving seats
Anti blow out stem
Antistatic device
Locking device
Fire Safe
Autoadjustable Packing

MATERIALS	
BODY	Carbon steel , stainless steel, Duplex, Superduplex, Exotic materials...
TRIM	Stainless steel, Duplex, Superduplex, Exotic materials...
SEATS	PTFE, Reinforced PTFE, Viton, Nylon, Kelf, Devlon...
SPECIAL REQUIREMENTS	Heating jacket, cryogenic designs, all kind of operated, painting and coating

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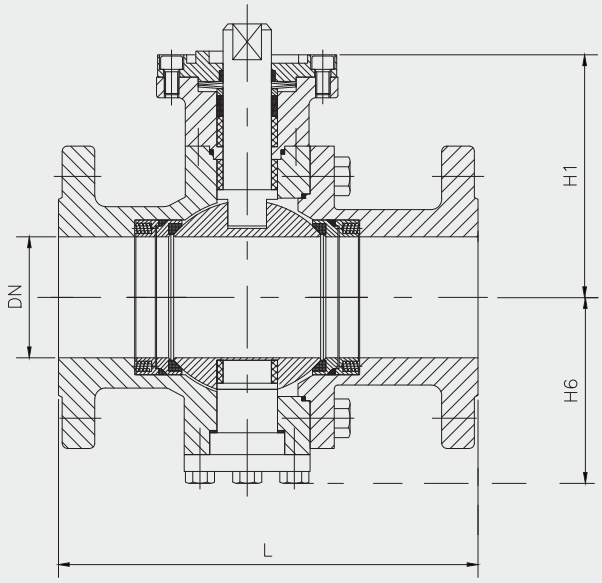
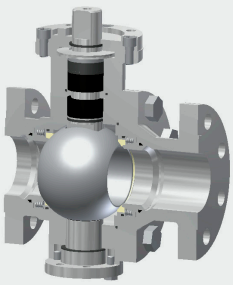
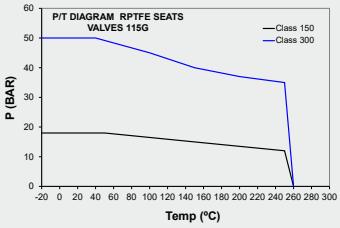
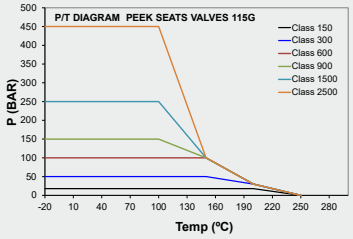
SOFT SEATED, TWO PIECE TRUNNION BALL VALVE
2" - 14" CLASS 300
PROTECTED SEAT, AUTOADJUSTABLE PACKING, SPRING LOADED

FIG. FHT-117G-A300









SIZE (")	L (MM)	H1 (MM)	H6 (MM)	TOP FLANGE ISO	WEIGHT (KG)	TORQUE (NM*)
2	216	131.5	96	F10	21.5	140
2 1/2	241	142	103.5	F10	35	190
3	283	188.5	141	F12	51	350
4	305	200.5	151	F12	63	490
5	381	258	192	F16	100	630
6	403	277	205	F16	135	1150
8	502	310	230	F16	230	1900
10	568	351	270	F16	320	3100
12	648	386	295	F16	450	5100
14	762	415	348	F16	580	7100

*Calculated based on normal ºC. To be used as a guide for actuator selection. 1.3~1.5 Safety Factor is recommended for actuator sizing. It may be changed depending on seat materials.

STANDARDS	
DESIGN	EN12516-1&2 ANSI B16.34&API 6D
FACE TO FACE	ASME B16.10
FLANGED ENDS	ASME B16.5
TOP FLANGE	ISO 5211
PRESSURE TESTS	EN12266-1/API 598/API 6D
VISUAL INSPECTION	MSS-SP-55

MAIN FEATURES
Bidirectional
Split body
Flanged Ends
Full bore
Trunnion ball
Soft seat
Pressure relieving seats
Anti blow out stem
Antistatic device
Locking device
Fire Safe
Autoadjustable Packing

MATERIALS	
BODY	Carbon steel , stainless steel, Duplex, Superduplex, Exotic materials...
TRIM	Stainless steel, Duplex, Superduplex, Exotic materials...
SEATS	PTFE, Reinforced PTFE, Viton, Nylon, Kelf, Devlon...
SPECIAL REQUIREMENTS	Heating jacket, cryogenic designs, all kind of operated, painting and coating

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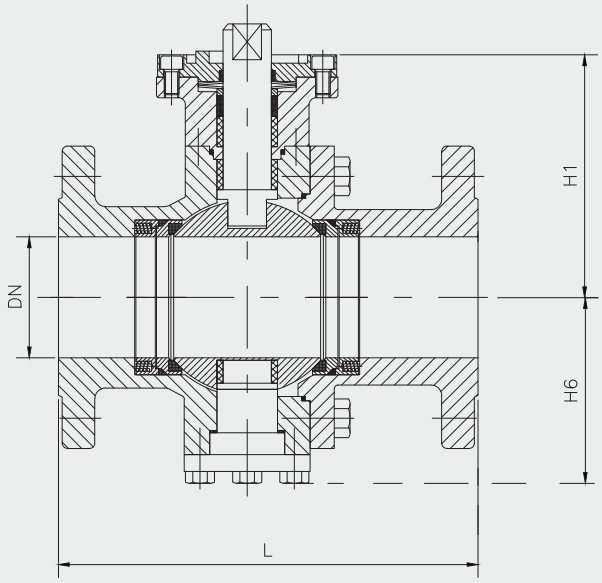
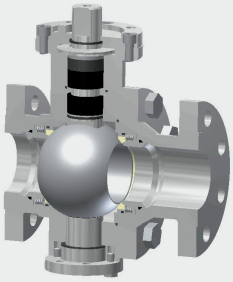
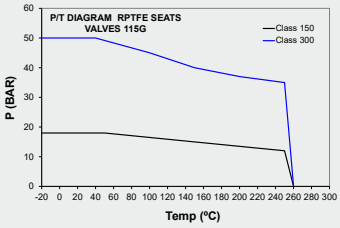
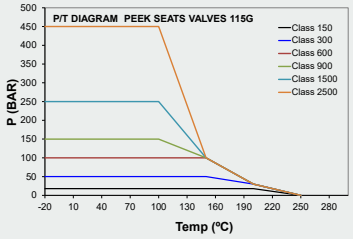
SOFT SEATED, TWO PIECE TRUNNION BALL VALVE
2" - 14" CLASS 600
PROTECTED SEAT, AUTOADJUSTABLE PACKING, SPRING LOADED

FIG. FHT-117G-A600









SIZE (")	L (MM)	H1 (MM)	H6 (MM)	TOP FLANGE ISO	WEIGHT (KG)	TORQUE (NM*)
2	292	131.5	96	F10	27	220
2 1/2	330	142	103.5	F10	41	360
3	356	188.5	141	F12	54.6	540
4	432	200.5	151	F12	82	840
5	0	258	192	F16	145	1100
6	559	277	205	F16	205	1650
8	660	310	230	F16	310	3450
10	787	351	270	F16	420	6100
12	838	386	295	F16	570	9800
14	889	415	348	F16	730	11900

*Calculated based on normal ºC. To be used as a guide for actuator selection. 1.3~1.5 Safety Factor is recommended for actuator sizing. It may be changed depending on seat materials.

STANDARDS	
DESIGN	EN12516-1&2 ANSI B16.34&API 6D
FACE TO FACE	ASME B16.10
FLANGED ENDS	ASME B16.5
TOP FLANGE	ISO 5211
PRESSURE TESTS	EN12266-1/API 598/API 6D
VISUAL INSPECTION	MSS-SP-55

MAIN FEATURES

Bidirectional
Split body
Flanged Ends
Full bore
Trunnion ball
Soft seat
Pressure relieving seats
Anti blow out stem
Antistatic device
Locking device
Fire Safe
Autoadjustable Packing

MATERIALS	
BODY	Carbon steel , stainless steel, Duplex, Superduplex, Exotic materials...
TRIM	Stainless steel, Duplex, Superduplex, Exotic materials...
SEATS	PTFE, Reinforced PTFE, Viton, Nylon, Kelf, Devlon...
SPECIAL REQUIREMENTS	Heating jacket, cryogenic designs, all kind of operated, painting and coating

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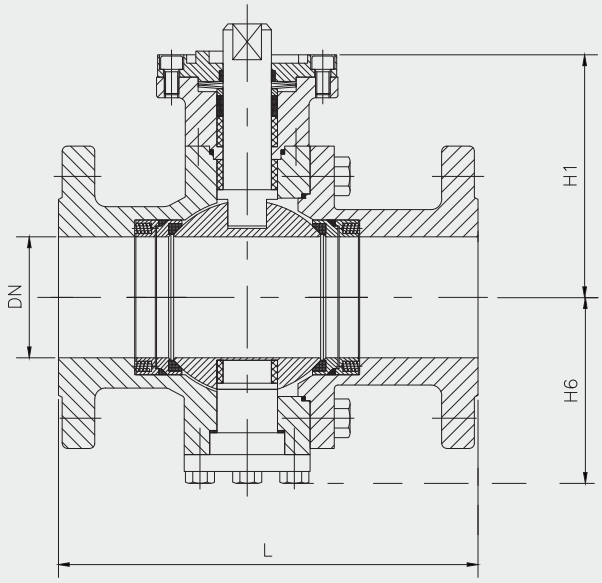
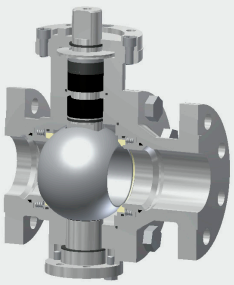
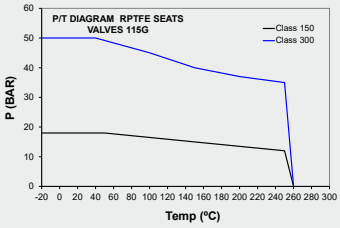
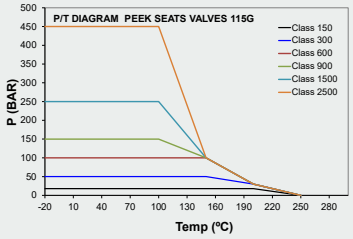
SOFT SEATED, TWO PIECE TRUNNION BALL VALVE
2" - 14" CLASS 900
PROTECTED SEAT, AUTOADJUSTABLE PACKING, SPRING LOADED

FIG. FHT-117G-A900









SIZE (")	L (MM)	H1 (MM)	H6 (MM)	TOP FLANGE ISO	WEIGHT (KG)	TORQUE (NM*)
2	368	131.5	96	F10	42	310
2 1/2	419	142	103.5	F10	60	510
3	381	188.5	141	F12	75	690
4	457	200.5	151	F12	90	1050
5	0	258	192	F16	195	1600
6	610	277	205	F16	217	2500
8	737	310	230	F16	380	4700
10	838	351	270	F16	500	8700
12	965	386	295	F16	670	12500
14	1029	415	348	F16	850	14500

*Calculated based on normal ºC. To be used as a guide for actuator selection. 1.3~1.5 Safety Factor is recommended for actuator sizing. It may be changed depending on seat materials.

STANDARDS	
DESIGN	EN12516-1&2 ANSI B16.34&API 6D
FACE TO FACE	ASME B16.10
FLANGED ENDS	ASME B16.5
TOP FLANGE	ISO 5211
PRESSURE TESTS	EN12266-1/API 598/API 6D
VISUAL INSPECTION	MSS-SP-55

MAIN FEATURES
Bidirectional
Split body
Flanged Ends
Full bore
Trunnion ball
Soft seat
Pressure relieving seats
Anti blow out stem
Antistatic device
Locking device
Fire Safe
Autoadjustable Packing

MATERIALS	
BODY	Carbon steel , stainless steel, Duplex, Superduplex, Exotic materials...
TRIM	Stainless steel, Duplex, Superduplex, Exotic materials...
SEATS	PTFE, Reinforced PTFE, Viton, Nylon, Kelf, Devlon...
SPECIAL REQUIREMENTS	Heating jacket, cryogenic designs, all kind of operated, painting and coating

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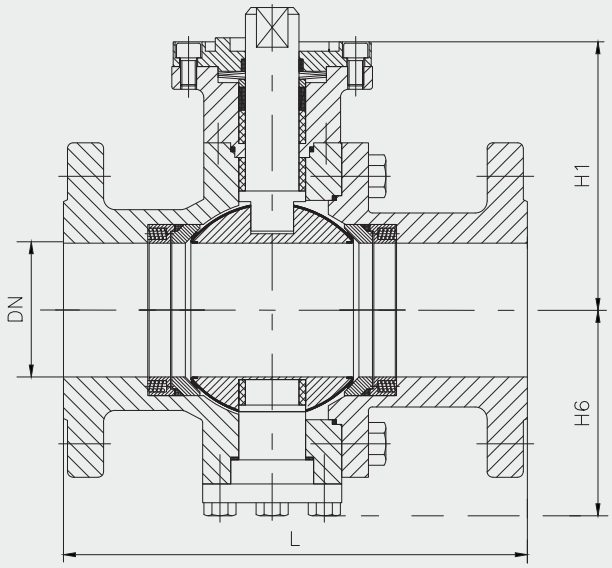
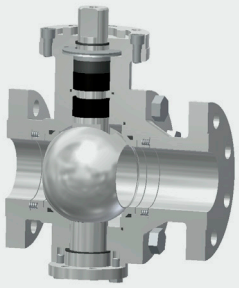
METAL SEATED, TWO PIECE TRUNNION BALL VALVE
2" - 14" CLASS 150
AUTOADJUSTABLE PACKING, SPRING LOADED

FIG. FHT-116G-A150





SIZE (")	L (MM)	H1 (MM)	H6 (MM)	TOP FLANGE ISO	WEIGHT (KG)	TORQUE (NM*)
2	178	131.5	96	F10	19	80
2 1/2	190	142	103.5	F10	32	90
3	203	188.5	141	F12	47	160
4	229	200.5	151	F12	58	210
5	254	258	192	F16	95	350
6	394	277	205	F16	122	500
8	457	310	230	F16	220	780
10	533	351	270	F16	290	1100
12	610	386	295	F16	365	1650
14	686	415	348	F16	500	2258

*Calculated based on normal ºC. To be used as a guide for actuator selection. 1.3~1.5 Safety Factor is recommended for actuator sizing. It may be changed depending on seat materials.

STANDARDS	
DESIGN	EN12516-1&2 ANSI B16.34&API 6D
FACE TO FACE	ASME B16.10
FLANGED ENDS	ASME B16.5
TOP FLANGE	ISO 5211
PRESSURE TESTS	EN12266-1/API 598/API 6D
VISUAL INSPECTION	MSS-SP-55

MAIN FEATURES
Bidirectional Split body Flanged Ends Full bore Trunnion ball Metal seat Pressure relieving seats Anti blow out stem Antistatic device Locking device Fire Safe Autoadjustable Packing

MATERIALS	
BODY	Carbon steel , stainless steel, Duplex, Superduplex, Exotic materials...
TRIM	Stainless steel, Duplex, Superduplex, Exotic materials...
SEATS	PTFE, Reinforced PTFE, Viton, Nylon, Kelf, Devlon...
SPECIAL REQUIREMENTS	Heating jacket, cryogenic designs, all kind of operated, painting and coating

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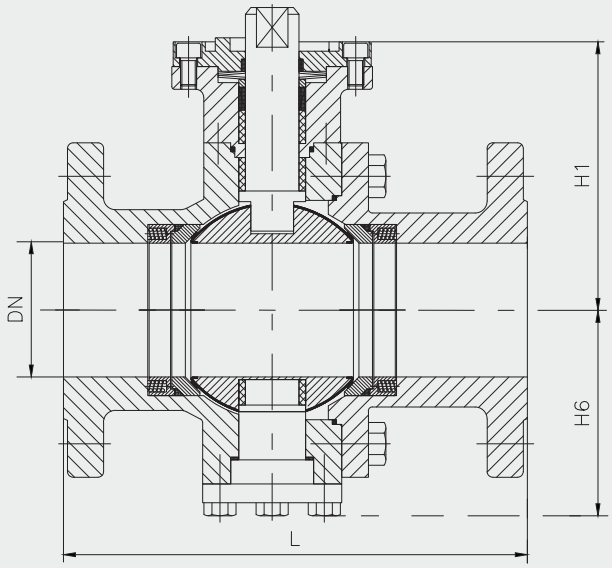
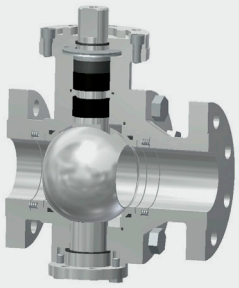
FHT VALVES
FLOW EXPERIENCE

METAL SEATED, TWO PIECE TRUNNION BALL VALVE
2" - 14" CLASS 300
AUTOADJUSTABLE PACKING, SPRING LOADED

FIG. FHT-116G-A300





SIZE (")	L (MM)	H1 (MM)	H6 (MM)	TOP FLANGE ISO	WEIGHT (KG)	TORQUE (NM*)
2	216	131.5	96	F10	21.5	140
2 1/2	241	142	103.5	F10	35	190
3	283	188.5	141	F12	51	350
4	305	200.5	151	F12	63	490
5	381	258	192	F16	100	630
6	403	277	205	F16	135	1150
8	502	310	230	F16	230	1900
10	568	351	270	F16	320	3100
12	648	386	295	F16	450	5100
14	762	415	348	F16	580	7100

*Calculated based on normal ºC. To be used as a guide for actuator selection. 1.3~1.5 Safety Factor is recommended for actuator sizing. It may be changed depending on seat materials.

STANDARDS	
DESIGN	EN12516-1&2 ANSI B16.34&API 6D
FACE TO FACE	ASME B16.10
FLANGED ENDS	ASME B16.5
TOP FLANGE	ISO 5211
PRESSURE TESTS	EN12266-1/API 598/API 6D
VISUAL INSPECTION	MSS-SP-55

MAIN FEATURES

Bidirectional
Split body
Flanged Ends
Full bore
Trunnion ball
Metal seat
Pressure relieving seats
Anti blow out stem
Antistatic device
Locking device
Fire Safe
Autoadjustable Packing

MATERIALS	
BODY	Carbon steel , stainless steel, Duplex, Superduplex, Exotic materials...
TRIM	Stainless steel, Duplex, Superduplex, Exotic materials...
SEATS	PTFE, Reinforced PTFE, Viton, Nylon, Kelf, Devlon...
SPECIAL REQUIREMENTS	Heating jacket, cryogenic designs, all kind of operated, painting and coating

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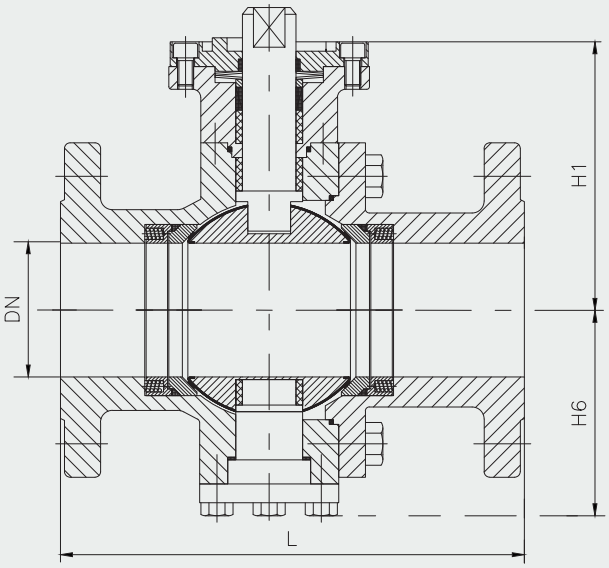
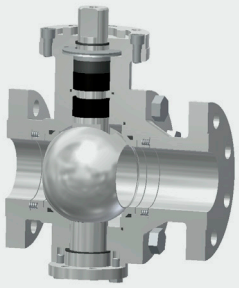
2" - 14" CLASS 600
AUTOADJUSTABLE PACKING, SPRING LOADED

FIG. FHT-116G-A600





SIZE (")	L (MM)	H1 (MM)	H6 (MM)	TOP FLANGE ISO	WEIGHT (KG)	TORQUE (NM*)
2	292	131.5	96	F10	27	220
2 1/2	330	142	103.5	F10	41	360
3	356	188.5	141	F12	54.6	540
4	432	200.5	151	F12	82	840
5	0	258	192	F16	145	1100
6	559	277	205	F16	205	1650
8	660	310	230	F16	310	3450
10	787	351	270	F16	420	6100
12	838	386	295	F16	570	9800
14	889	415	348	F16	730	11900

*Calculated based on normal ºC. To be used as a guide for actuator selection. 1.3~1.5 Safety Factor is recommended for actuator sizing. It may be changed depending on seat materials.

STANDARDS	
DESIGN	EN12516-1&2 ANSI B16.34&API 6D
FACE TO FACE	ASME B16.10
FLANGED ENDS	ASME B16.5
TOP FLANGE	ISO 5211
PRESSURE TESTS	EN12266-1/API 598/API 6D
VISUAL INSPECTION	MSS-SP-55

MAIN FEATURES
Bidirectional Split body Flanged Ends Full bore Trunnion ball Metal seat Pressure relieving seats Anti blow out stem Antistatic device Locking device Fire Safe Autoadjustable Packing

MATERIALS	
BODY	Carbon steel , stainless steel, Duplex, Superduplex, Exotic materials...
TRIM	Stainless steel, Duplex, Superduplex, Exotic materials...
SEATS	PTFE, Reinforced PTFE, Viton, Nylon, Kelf, Devlon...
SPECIAL REQUIREMENTS	Heating jacket, cryogenic designs, all kind of operated, painting and coating

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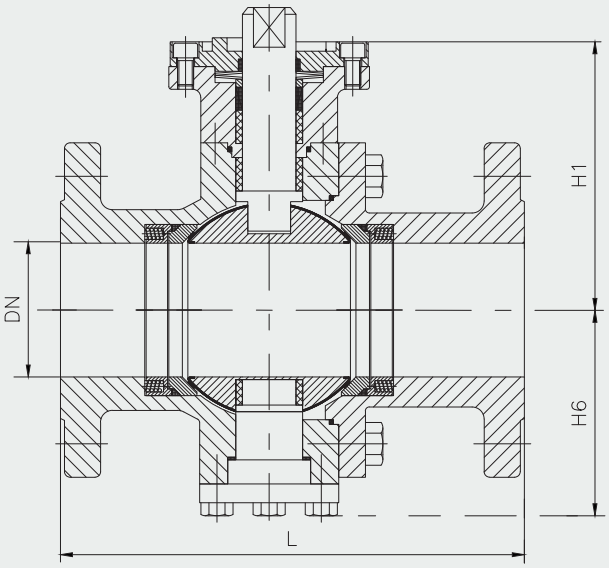
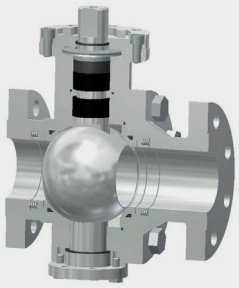
FHT VALVES
FLOW EXPERIENCE

METAL SEATED, TWO PIECE TRUNNION BALL VALVE
2" - 14" CLASS 900
AUTOADJUSTABLE PACKING, SPRING LOADED

FIG. FHT-116G-A900





SIZE (")	L (MM)	H1 (MM)	H6 (MM)	TOP FLANGE ISO	WEIGHT (KG)	TORQUE (NM*)
2	368	131.5	96	F10	42	310
2 1/2	419	142	103.5	F10	60	510
3	381	188.5	141	F12	75	690
4	457	200.5	151	F12	90	1050
5	0	258	192	F16	195	1600
6	610	277	205	F16	217	2500
8	737	310	230	F16	380	4700
10	838	351	270	F16	500	8700
12	965	386	295	F16	670	12500
14	1029	415	348	F16	850	14500

*Calculated based on normal ºC. To be used as a guide for actuator selection. 1.3~1.5 Safety Factor is recommended for actuator sizing. It may be changed depending on seat materials.

STANDARDS	
DESIGN	EN12516-1&2 ANSI B16.34&API 6D
FACE TO FACE	ASME B16.10
FLANGED ENDS	ASME B16.5
TOP FLANGE	ISO 5211
PRESSURE TESTS	EN12266-1/API 598/API 6D
VISUAL INSPECTION	MSS-SP-55

MAIN FEATURES
Bidirectional Split body Flanged Ends Full bore Trunnion ball Metal seat Pressure relieving seats Anti blow out stem Antistatic device Locking device Fire Safe Autoadjustable Packing

MATERIALS	
BODY	Carbon steel , stainless steel, Duplex, Superduplex, Exotic materials...
TRIM	Stainless steel, Duplex, Superduplex, Exotic materials...
SEATS	PTFE, Reinforced PTFE, Viton, Nylon, Kelf, Devlon...
SPECIAL REQUIREMENTS	Heating jacket, cryogenic designs, all kind of operated, painting and coating

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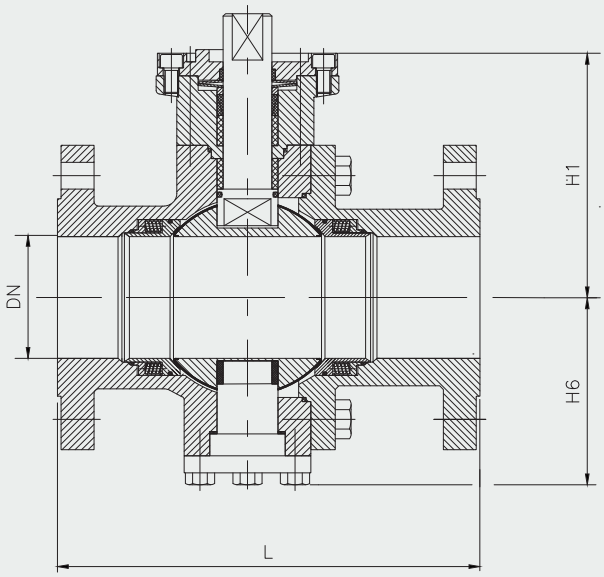
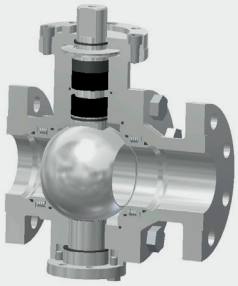
FHT VALVES
FLOW EXPERIENCE

METAL SEATED, TWO PIECE TRUNNION BALL VALVE
2" - 14" CLASS 150
PROTECTED SEAT, AUTOADJUSTABLE PACKING, SPRING LOADED

FIG. FHT-118G-A150





SIZE (")	L (MM)	H1 (MM)	H6 (MM)	TOP FLANGE ISO	WEIGHT (KG)	TORQUE (NM*)
2	178	131.5	96	F10	19	124
2 1/2	190	142	103.5	F10	32	155
3	203	188.5	141	F12	47	300
4	229	200.5	151	F12	58	340
5	254	258	192	F16	95	420
6	394	277	205	F16	122	650
8	457	310	230	F16	220	1100
10	533	351	270	F16	290	1640
12	610	386	295	F16	365	2520
14	686	415	348	F16	500	2950

*Calculated based on normal ºC. To be used as a guide for actuator selection. 1.3~1.5 Safety Factor is recommended for actuator sizing. It may be changed depending on seat materials.

STANDARDS	
DESIGN	EN12516-1&2 ANSI B16.34&API 6D
FACE TO FACE	ASME B16.10
FLANGED ENDS	ASME B16.5
TOP FLANGE	ISO 5211
PRESSURE TESTS	EN12266-1/API 598/API 6D
VISUAL INSPECTION	MSS-SP-55

MAIN FEATURES

Bidirectional
Split body
Flanged Ends
Full bore
Trunnion ball
Metal seat
Pressure relieving seats
Anti blow out stem
Antistatic device
Locking device
Fire Safe
Autoadjustable Packing

MATERIALS	
BODY	Carbon steel , stainless steel, Duplex, Superduplex, Exotic materials...
TRIM	Stainless steel, Duplex, Superduplex, Exotic materials...
SEATS	PTFE, Reinforced PTFE, Viton, Nylon, Kelf, Devlon...
SPECIAL REQUIREMENTS	Heating jacket, cryogenic designs, all kind of operated, painting and coating

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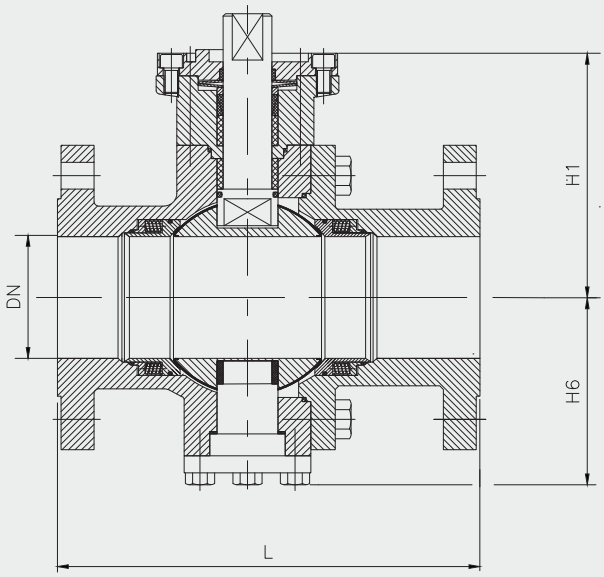
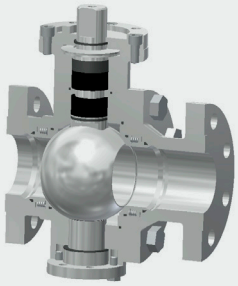
FHT VALVES
FLOW EXPERIENCE

METAL SEATED, TWO PIECE TRUNNION BALL VALVE
2" - 14" CLASS 300
PROTECTED SEAT, AUTOADJUSTABLE PACKING, SPRING LOADED

FIG. FHT-118G-A300





SIZE (")	L (MM)	H1 (MM)	H6 (MM)	TOP FLANGE ISO	WEIGHT (KG)	TORQUE (NM*)
2	216	131.5	96	F10	21.5	165
2 1/2	241	142	103.5	F10	35	225
3	283	188.5	141	F12	51	470
4	305	200.5	151	F12	63	590
5	381	258	192	F16	100	830
6	403	277	205	F16	135	1320
8	502	310	230	F16	230	2200
10	568	351	270	F16	320	3800
12	648	386	295	F16	450	5900
14	762	415	348	F16	580	7800

*Calculated based on normal ºC. To be used as a guide for actuator selection. 1.3~1.5 Safety Factor is recommended for actuator sizing. It may be changed depending on seat materials.

STANDARDS	
DESIGN	EN12516-1&2 ANSI B16.34&API 6D
FACE TO FACE	ASME B16.10
FLANGED ENDS	ASME B16.5
TOP FLANGE	ISO 5211
PRESSURE TESTS	EN12266-1/API 598/API 6D
VISUAL INSPECTION	MSS-SP-55

MAIN FEATURES

Bidirectional
Split body
Flanged Ends
Full bore
Trunnion ball
Metal seat
Pressure relieving seats
Anti blow out stem
Antistatic device
Locking device
Fire Safe
Autoadjustable Packing

MATERIALS	
BODY	Carbon steel , stainless steel, Duplex, Superduplex, Exotic materials...
TRIM	Stainless steel, Duplex, Superduplex, Exotic materials...
SEATS	PTFE, Reinforced PTFE, Viton, Nylon, Kelf, Devlon...
SPECIAL REQUIREMENTS	Heating jacket, cryogenic designs, all kind of operated, painting and coating

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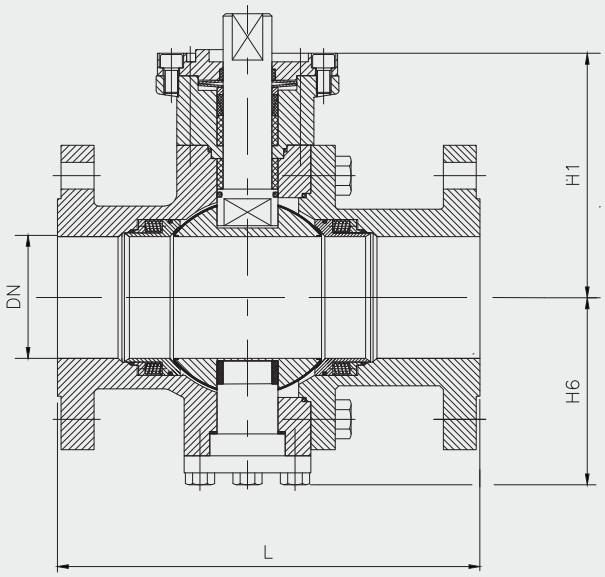
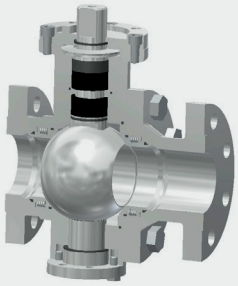
FHT VALVES
FLOW EXPERIENCE

METAL SEATED, TWO PIECE TRUNNION BALL VALVE
2" - 14" CLASS 600
PROTECTED SEAT, AUTOADJUSTABLE PACKING, SPRING LOADED

FIG. FHT-118G-A600





SIZE (")	L (MM)	H1 (MM)	H6 (MM)	TOP FLANGE ISO	WEIGHT (KG)	TORQUE (NM*)
2	292	131.5	96	F10	27	280
2 1/2	330	142	103.5	F10	41	520
3	356	188.5	141	F12	54.6	720
4	432	200.5	151	F12	82	990
5	0	258	192	F16	145	1400
6	559	277	205	F16	205	2300
8	660	310	230	F16	310	3900
10	787	351	270	F16	420	6800
12	838	386	295	F16	570	11200
14	889	415	348	F16	730	13500

*Calculated based on normal ºC. To be used as a guide for actuator selection. 1.3~1.5 Safety Factor is recommended for actuator sizing. It may be changed depending on seat materials.

STANDARDS	
DESIGN	EN12516-1&2 ANSI B16.34&API 6D
FACE TO FACE	ASME B16.10
FLANGED ENDS	ASME B16.5
TOP FLANGE	ISO 5211
PRESSURE TESTS	EN12266-1/API 598/API 6D
VISUAL INSPECTION	MSS-SP-55

MAIN FEATURES

Bidirectional
Split body
Flanged Ends
Full bore
Trunnion ball
Metal seat
Pressure relieving seats
Anti blow out stem
Antistatic device
Locking device
Fire Safe
Autoadjustable Packing

MATERIALS	
BODY	Carbon steel , stainless steel, Duplex, Superduplex, Exotic materials...
TRIM	Stainless steel, Duplex, Superduplex, Exotic materials...
SEATS	PTFE, Reinforced PTFE, Viton, Nylon, Kelf, Devlon...
SPECIAL REQUIREMENTS	Heating jacket, cryogenic designs, all kind of operated, painting and coating

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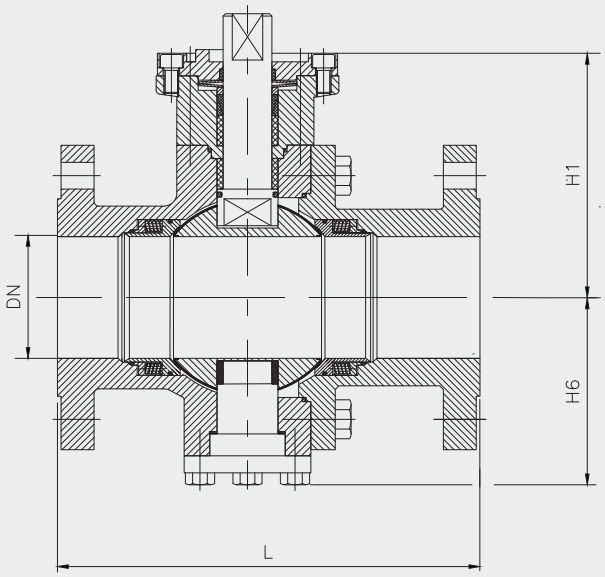
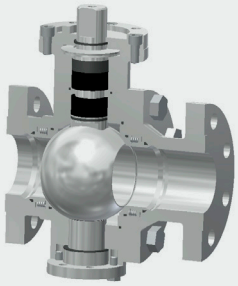
FHT VALVES
FLOW EXPERIENCE

METAL SEATED, TWO PIECE TRUNNION BALL VALVE
2" - 14" CLASS 900
PROTECTED SEAT, AUTOADJUSTABLE PACKING, SPRING LOADED

FIG. FHT-118G-A900





SIZE (")	L (MM)	H1 (MM)	H6 (MM)	TOP FLANGE ISO	WEIGHT (KG)	TORQUE (NM*)
2	368	131.5	96	F10	42	360
2 1/2	419	142	103.5	F10	60	790
3	381	188.5	141	F12	75	1060
4	457	200.5	151	F12	90	1300
5	0	258	192	F16	195	1900
6	610	277	205	F16	217	2900
8	737	310	230	F16	380	4700
10	838	351	270	F16	500	8900
12	965	386	295	F16	670	14700
14	1029	415	348	F16	850	18800

*Calculated based on normal ºC. To be used as a guide for actuator selection. 1.3~1.5 Safety Factor is recommended for actuator sizing. It may be changed depending on seat materials.

STANDARDS	
DESIGN	EN12516-1&2 ANSI B16.34&API 6D
FACE TO FACE	ASME B16.10
FLANGED ENDS	ASME B16.5
TOP FLANGE	ISO 5211
PRESSURE TESTS	EN12266-1/API 598/API 6D
VISUAL INSPECTION	MSS-SP-55

MAIN FEATURES
Bidirectional Split body Flanged Ends Full bore Trunnion ball Metal seat Pressure relieving seats Anti blow out stem Antistatic device Locking device Fire Safe Autoadjustable Packing

MATERIALS	
BODY	Carbon steel , stainless steel, Duplex, Superduplex, Exotic materials...
TRIM	Stainless steel, Duplex, Superduplex, Exotic materials...
SEATS	PTFE, Reinforced PTFE, Viton, Nylon, Kelf, Devlon...
SPECIAL REQUIREMENTS	Heating jacket, cryogenic designs, all kind of operated, painting and coating

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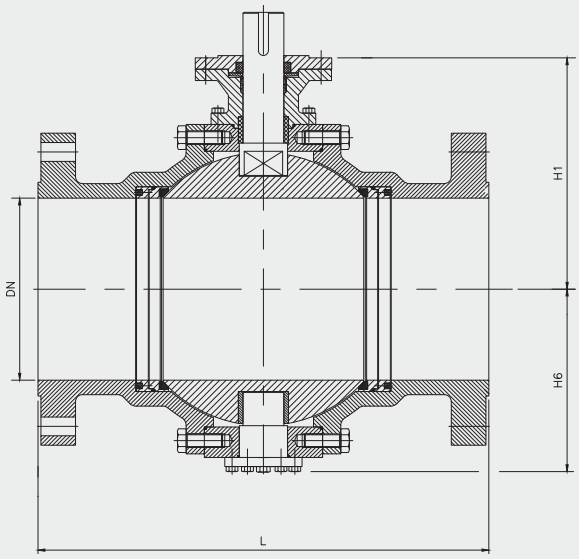
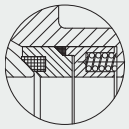
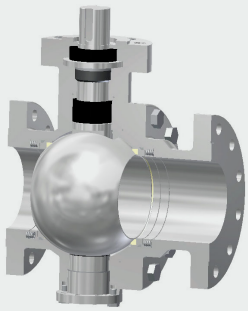
FHT VALVES
FLOW EXPERIENCE

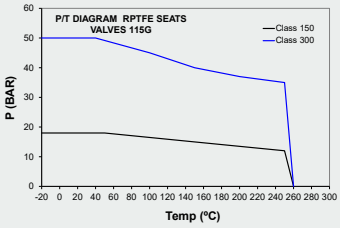
SOFT SEATED, THREE PIECE TRUNNION BALL VALVE
16" - 48" CLASS 150
AUTOADJUSTABLE PACKING, SPRING LOADED

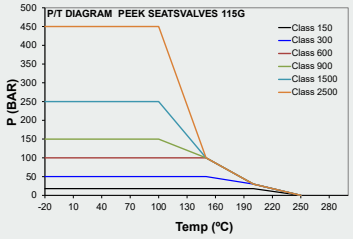
FIG. FHT-115G-3P-A150











SIZE (")	L (MM)	H1 (MM)	H6 (MM)	TOP FLANGE ISO	WEIGHT (KG)	TORQUE (NM*)
16	762	547.5	430.0	F30	1492	2521
18	864	585.5	467.5	F30	1874	3446
20	914	624.0	505.5	F30	2601	4634
22	991	706.0	553.3	F35	3712	5211
24	1067	761.0	590.8	F35	4334	6789
26	1143	797.5	626.8	F35	5203	8101
28	1245	730.5	668.5	F35	6314	8704
30	1295	768.5	706.0	F40	7354	9311
32	1372	801.5	738.5	F40	8934	12014
34	1473	839.0	775.5	F40	9846	13454
36	1524	896.5	809.0	F40	11065	14347
40	1727	1142.5	903.5	F40	16174	-
42	1829	1176.0	936.0	F40	17783	-
48	1995	1284.5	1047.5	F40	26989	-

*Calculated based on normal ºC. To be used as a guide for actuator selection. 1.3~1.5 Safety Factor is recommended for actuator sizing. It may be changed depending on seat materials.

STANDARDS	
DESIGN	EN12516-1&2 ANSI B16.34&API 6D
FACE TO FACE	ASME B16.10
FLANGED ENDS	ASME B16.5
TOP FLANGE	ISO 5211
PRESSURE TESTS	EN12266-1/API 598/API 6D
VISUAL INSPECTION	MSS-SP-55

MAIN FEATURES
Bidirectional
Split body
Flanged Ends
Full bore
Trunnion ball
Soft seat
Pressure relieving seats
Anti blow out stem
Antistatic device
Locking device
Fire Safe
Autoadjustable Packing

MATERIALS	
BODY	Carbon steel , stainless steel, Duplex, Superduplex, Exotic materials...
TRIM	Stainless steel, Duplex, Superduplex, Exotic materials...
SEATS	PTFE, Reinforced PTFE, Viton, Nylon, Kelf, Devlon...
SPECIAL REQUIREMENTS	Heating jacket, cryogenic designs, all kind of operated, painting and coating

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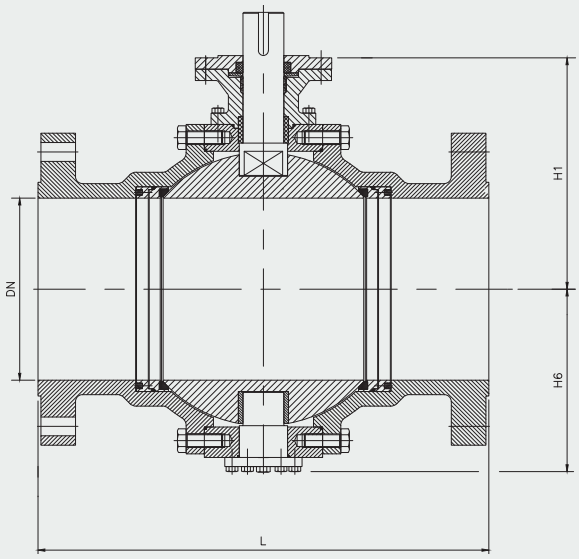
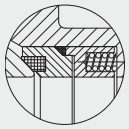
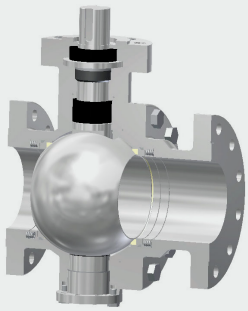
FHT VALVES
FLOW EXPERIENCE

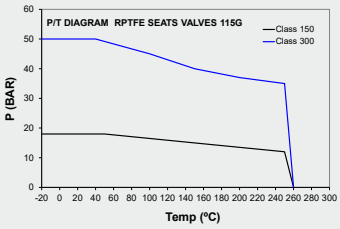
SOFT SEATED, THREE PIECE TRUNNION BALL VALVE
16" - 48" CLASS 300
AUTOADJUSTABLE PACKING, SPRING LOADED

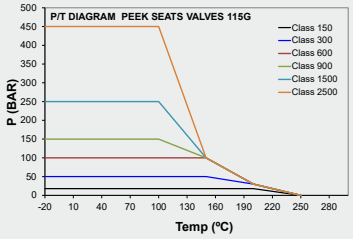
FIG. FHT-115G-3P-A300











SIZE (")	L (MM)	H1 (MM)	H6 (MM)	TOP FLANGE ISO	WEIGHT (KG)	TORQUE (NM*)
16		557.0	439.3	F30	1681	3541
18	914	629.5	481.5	F30	2074	5535
20	991	685.5	523.5	F30	2891	7546
22	1092	732.5	562.0	F35	4334	9098
24	1143	661.0	604.0	F35	5578	11274
26	1245	704.0	644.0	F35	6240	13477
28	1346	773.5	687.0	F35	7556	14311
30	1397	811.5	724.5	F40	9340	16877
32	1524	846.0	761.5	F40	10263	19689
34	1626	883.5	799.0	F40	12413	21501
36	1727	1087.5	847.5	F40	14214	30741
40	1930	1166.5	930.0	F40	18121	-
42	2083	1262.0	962.5	F40	21213	-
48	2170	1408.0	996.3	F40	30154	-

*Calculated based on normal ºC. To be used as a guide for actuator selection. 1.3~1.5 Safety Factor is recommended for actuator sizing. It may be changed depending on seat materials.

STANDARDS	
DESIGN	EN12516-1&2 ANSI B16.34&API 6D
FACE TO FACE	ASME B16.10
FLANGED ENDS	ASME B16.5
TOP FLANGE	ISO 5211
PRESSURE TESTS	EN12266-1/API 598/API 6D
VISUAL INSPECTION	MSS-SP-55

MAIN FEATURES
Bidirectional Split body Flanged Ends Full bore Trunnion ball Soft seat Pressure relieving seats Anti blow out stem Antistatic device Locking device Fire Safe Autoadjustable Packing

MATERIALS	
BODY	Carbon steel , stainless steel, Duplex, Superduplex, Exotic materials...
TRIM	Stainless steel, Duplex, Superduplex, Exotic materials...
SEATS	PTFE, Reinforced PTFE, Viton, Nylon, Kelf, Devlon...
SPECIAL REQUIREMENTS	Heating jacket, cryogenic designs, all kind of operated, painting and coating

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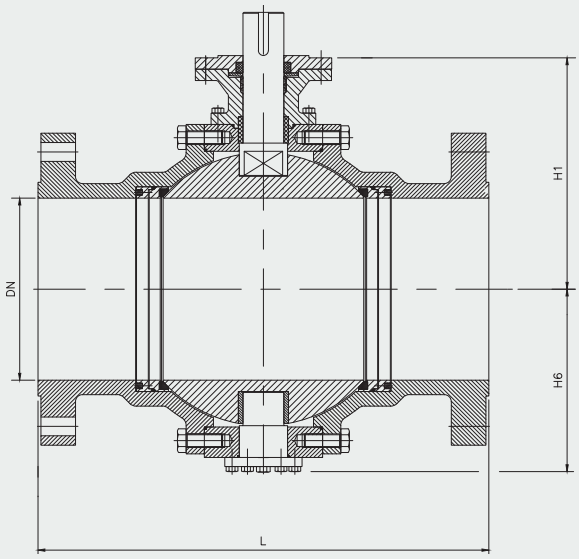
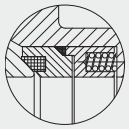
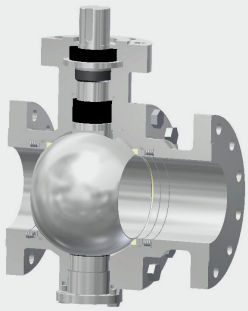
FHT VALVES
FLOW EXPERIENCE

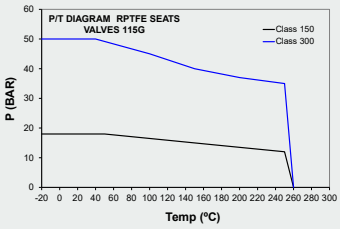
SOFT SEATED, THREE PIECE TRUNNION BALL VALVE
16" - 48" CLASS 600
AUTOADJUSTABLE PACKING, SPRING LOADED

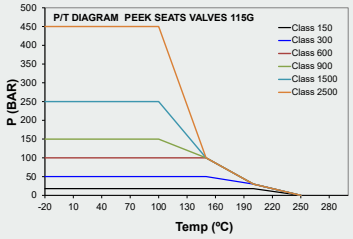
FIG. FHT-115G-3P-A600











SIZE (")	L (MM)	H1 (MM)	H6 (MM)	TOP FLANGE ISO	WEIGHT (KG)	TORQUE (NM*)
16	991	613.0	463.0	F30	2221	5551
18	1092	674.5	505.5	F30	2665	9081
20	1194	604.0	548.5	F30	3456	11254
22	1295	678.5	602.0	F35	4854	14897
24	1397	717.5	641.0	F35	6254	18054
26	1448	778.5	692.5	F35	8911	21957
28	1549	968.0	729.5	F35	9493	24714
30	1651	1012.5	775.5	F40	11341	32876
32	1778	1046.0	808.0	F40	13204	37741
34	1930	1084.0	845.0	F40	14154	42402
36	2083	1179.5	887.5	F40	18321	48985
40	2159	1105.5	859.3	F40	24347	-
42	2175	1200.0	891.8	F40	27505	-
48	2435	1468.0	998.8	F40	36750	-

*Calculated based on normal ºC. To be used as a guide for actuator selection. 1.3~1.5 Safety Factor is recommended for actuator sizing. It may be changed depending on seat materials.

STANDARDS	
DESIGN	EN12516-1&2 ANSI B16.34&API 6D
FACE TO FACE	ASME B16.10
FLANGED ENDS	ASME B16.5
TOP FLANGE	ISO 5211
PRESSURE TESTS	EN12266-1/API 598/API 6D
VISUAL INSPECTION	MSS-SP-55

MAIN FEATURES
Bidirectional
Split body
Flanged Ends
Full bore
Trunnion ball
Soft seat
Pressure relieving seats
Anti blow out stem
Antistatic device
Locking device
Fire Safe
Autoadjustable Packing

MATERIALS	
BODY	Carbon steel , stainless steel, Duplex, Superduplex, Exotic materials...
TRIM	Stainless steel, Duplex, Superduplex, Exotic materials...
SEATS	PTFE, Reinforced PTFE, Viton, Nylon, Kelf, Devlon...
SPECIAL REQUIREMENTS	Heating jacket, cryogenic designs, all kind of operated, painting and coating

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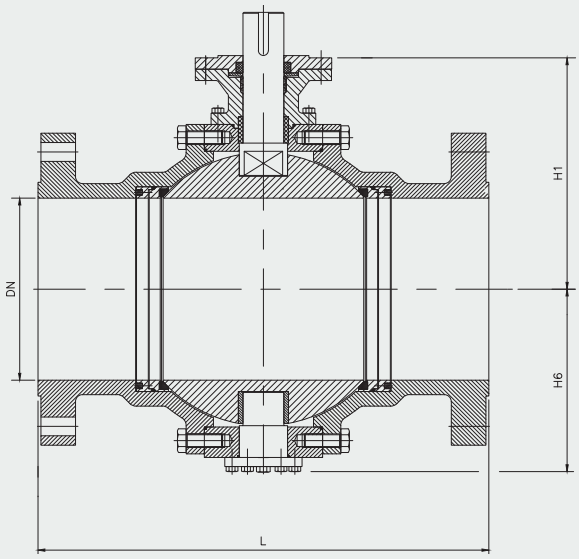
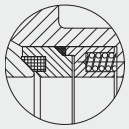
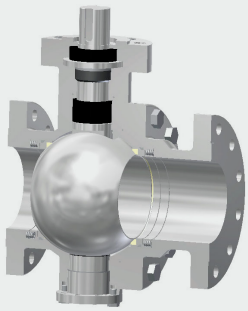
FHT VALVES
FLOW EXPERIENCE

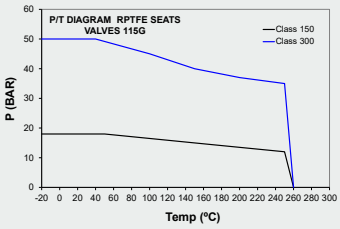
SOFT SEATED, THREE PIECE TRUNNION BALL VALVE
16" - 36" CLASS 900
AUTOADJUSTABLE PACKING, SPRING LOADED

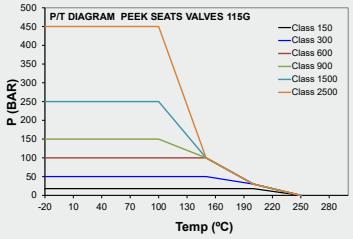
FIG. FHT-115G-3P-A900











SIZE (")	L (MM)	H1 (MM)	H6 (MM)	TOP FLANGE ISO	WEIGHT (KG)	TORQUE (NM*)
16	1130	540.5	489.5	F30	2346	9956
18	1219	584.0	538.0	F30	3021	14669
20	1321	663.5	580.5	F35	4394	20119
22	–	863.5	627.5	F35	5675	25446
24	1549	903.5	675.0	F35	7070	29991
26	1651	960.0	722.0	F40	13456	34997
28	1753	974.0	769.5	F40	18556	39004
30	1880	1094.5	809.0	F40	20098	46789
32	2032	1147.0	852.5	F40	21884	58716
34	2159	1054.0	745.8	F48	30221	64650
36	2286	1087.5	779.3	F48	36346	73340

*Calculated based on normal ºC. To be used as a guide for actuator selection. 1.3~1.5 Safety Factor is recommended for actuator sizing. It may be changed depending on seat materials.

STANDARDS	
DESIGN	EN12516-1&2 ANSI B16.34&API 6D
FACE TO FACE	ASME B16.10
FLANGED ENDS	ASME B16.5
TOP FLANGE	ISO 5211
PRESSURE TESTS	EN12266-1/API 598/API 6D
VISUAL INSPECTION	MSS-SP-55

MAIN FEATURES
Bidirectional
Split body
Flanged Ends
Full bore
Trunnion ball
Soft seat
Pressure relieving seats
Anti blow out stem
Antistatic device
Locking device
Fire Safe
Autoadjustable Packing

MATERIALS	
BODY	Carbon steel , stainless steel, Duplex, Superduplex, Exotic materials...
TRIM	Stainless steel, Duplex, Superduplex, Exotic materials...
SEATS	PTFE, Reinforced PTFE, Viton, Nylon, Kelf, Devlon...
SPECIAL REQUIREMENTS	Heating jacket, cryogenic designs, all kind of operated, painting and coating

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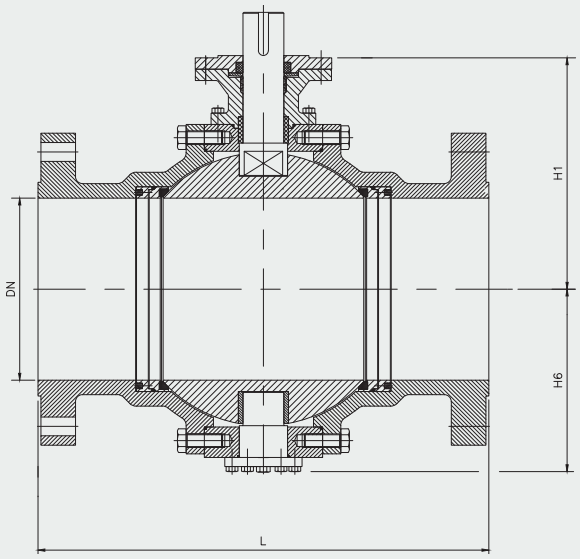
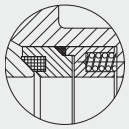
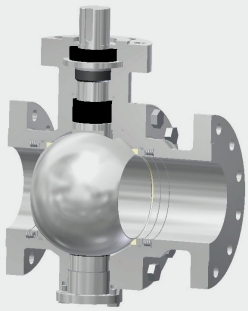
FHT VALVES
FLOW EXPERIENCE

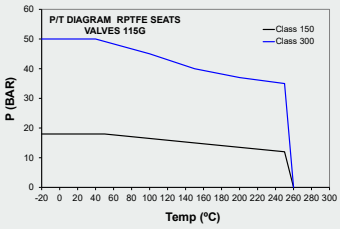
SOFT SEATED, THREE PIECE TRUNNION BALL VALVE
16" - 24" CLASS 1500
AUTOADJUSTABLE PACKING, SPRING LOADED

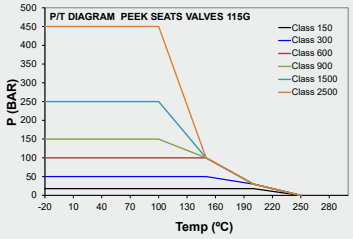
FIG. FHT-115G-3P-A1500











SIZE (")	L (MM)	H1 (MM)	H6 (MM)	TOP FLANGE ISO	WEIGHT (KG)	TORQUE (NM*)
2	368	192.8	100.0	F10	61	245
3	470	212.0	121.3	F12	118	514
4	546	243.0	152.0	F12	191	870
6	705	315.5	293.0	F16	712	2011
8	832	464.0	346.5	F25	917	4698
10	991	557.0	398.0	F30	1465	8174
12	1130	510.0	453.0	F30	2647	10270
14	1257	538.5	480.0	F30	2741	11975
16	1384	601.5	527.5	F30	3247	14035
18	1537	779.5	585.5	F35	4298	26847
20	1664	824.5	636.0	F40	5317	31987
22	–	903.5	678.0	F40	6817	37749
24	1943	1025.5	727.5	F40	8591	44274

*Calculated based on normal ºC. To be used as a guide for actuator selection. 1.3~1.5 Safety Factor is recommended for actuator sizing. It may be changed depending on seat materials.

STANDARDS	
DESIGN	EN12516-1&2 ANSI B16.34&API 6D
FACE TO FACE	ASME B16.10
FLANGED ENDS	ASME B16.5
TOP FLANGE	ISO 5211
PRESSURE TESTS	EN12266-1/API 598/API 6D
VISUAL INSPECTION	MSS-SP-55

MAIN FEATURES

Bidirectional
Split body
Flanged Ends
Full bore
Trunnion ball
Soft seat
Pressure relieving seats
Anti blow out stem
Antistatic device
Locking device
Fire Safe
Autoadjustable Packing

MATERIALS	
BODY	Carbon steel , stainless steel, Duplex, Superduplex, Exotic materials...
TRIM	Stainless steel, Duplex, Superduplex, Exotic materials...
SEATS	PTFE, Reinforced PTFE, Viton, Nylon, Kelf, Devlon...
SPECIAL REQUIREMENTS	Heating jacket, cryogenic designs, all kind of operated, painting and coating

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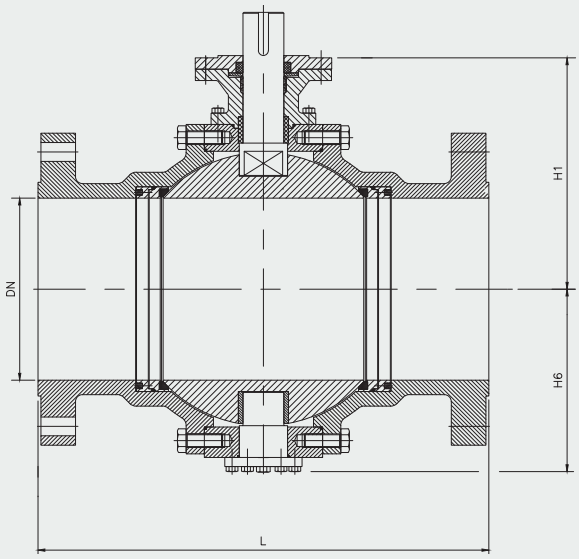
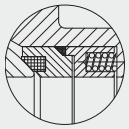
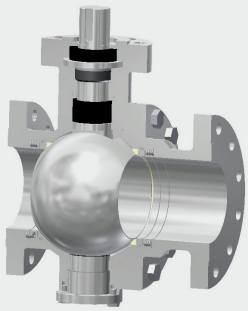
FHT VALVES
FLOW EXPERIENCE

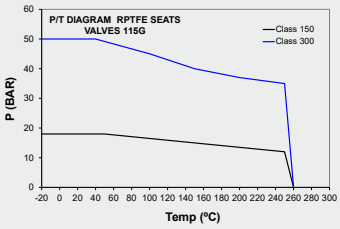
SOFT SEATED, THREE PIECE TRUNNION BALL VALVE
2" - 12" CLASS 2500
AUTOADJUSTABLE PACKING, SPRING LOADED

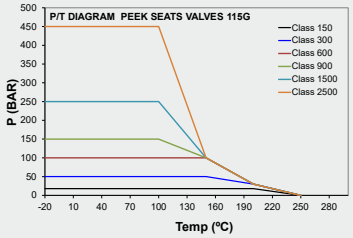
FIG. FHT-115G-3P-A2500











SIZE (")	L (MM)	H1 (MM)	H6 (MM)	TOP FLANGE ISO	WEIGHT (KG)	TORQUE (NM*)
2	451	192.8	100.0	F10	103	360
3	578	212.0	121.3	F12	237	774
4	673	243.0	152.0	F14	437	1274
6	914	315.5	293.0	F25	911	4677
8	1022	464.0	346.5	F25	1516	6711
10	1270	557.0	398.0	F30	2471	12997
12	1422	510.0	453.0	F35	3843	21004

*Calculated based on normal ºC. To be used as a guide for actuator selection. 1.3~1.5 Safety Factor is recommended for actuator sizing. It may be changed depending on seat materials.

STANDARDS	
DESIGN	EN12516-1&2 ANSI B16.34&API 6D
FACE TO FACE	ASME B16.10
FLANGED ENDS	ASME B16.5
TOP FLANGE	ISO 5211
PRESSURE TESTS	EN12266-1/API 598/API 6D
VISUAL INSPECTION	MSS-SP-55

MAIN FEATURES
Bidirectional Split body Flanged Ends Full bore Trunnion ball Soft seat Pressure relieving seats Anti blow out stem Antistatic device Locking device Fire Safe Autoadjustable Packing

MATERIALS	
BODY	Carbon steel , stainless steel, Duplex, Superduplex, Exotic materials...
TRIM	Stainless steel, Duplex, Superduplex, Exotic materials...
SEATS	PTFE, Reinforced PTFE, Viton, Nylon, Kelf, Devlon...
SPECIAL REQUIREMENTS	Heating jacket, cryogenic designs, all kind of operated, painting and coating

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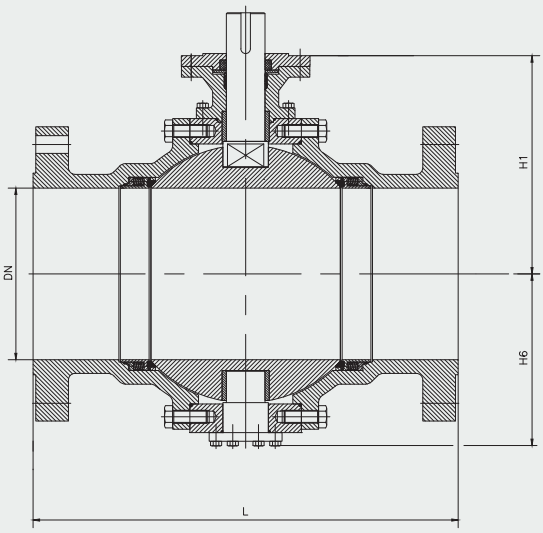
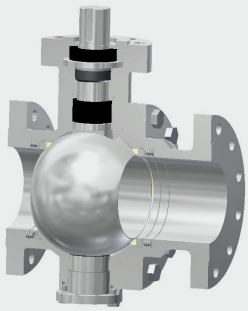
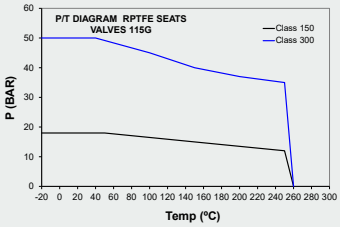
FHT VALVES
FLOW EXPERIENCE

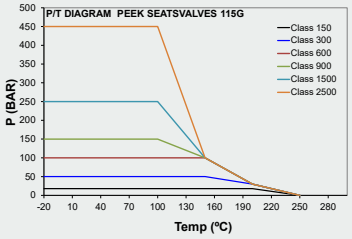
SOFT SEATED, THREE PIECE TRUNNION BALL VALVE
16" - 48" CLASS 150
PROTECTED SEAT, AUTOADJUSTABLE PACKING, SPRING LOADED

FIG. FHT-117G-3P-A150









SIZE (")	L (MM)	H1 (MM)	H6 (MM)	TOP FLANGE ISO	WEIGHT (KG)	TORQUE (NM*)
16	762	547.5	430.0	F30	1492	2521
18	864	585.5	467.5	F30	1874	3446
20	914	624.0	505.5	F30	2601	4634
22	991	706.0	553.3	F35	3712	5211
24	1067	761.0	590.8	F35	4334	6789
26	1143	797.5	626.8	F35	5203	8101
28	1245	730.5	668.5	F35	6314	8704
30	1295	768.5	706.0	F40	7354	9311
32	1372	801.5	738.5	F40	8934	12014
34	1473	839.0	775.5	F40	9846	13454
36	1524	896.5	809.0	F40	11065	14347
40	1727	1142.5	903.5	F40	16174	-
42	1829	1176.0	936.0	F40	17783	-
48	1995	1284.5	1047.5	F40	26989	-

*Calculated based on normal ºC. To be used as a guide for actuator selection. 1.3~1.5 Safety Factor is recommended for actuator sizing. It may be changed depending on seat materials.

STANDARDS	
DESIGN	EN12516-1&2 ANSI B16.34&API 6D
FACE TO FACE	ASME B16.10
FLANGED ENDS	ASME B16.5
TOP FLANGE	ISO 5211
PRESSURE TESTS	EN12266-1/API 598/API 6D
VISUAL INSPECTION	MSS-SP-55

MAIN FEATURES
Bidirectional
Split body
Flanged Ends
Full bore
Trunnion ball
Soft seat
Pressure relieving seats
Anti blow out stem
Antistatic device
Locking device
Fire Safe
Autoadjustable Packing

MATERIALS	
BODY	Carbon steel , stainless steel, Duplex, Superduplex, Exotic materials...
TRIM	Stainless steel, Duplex, Superduplex, Exotic materials...
SEATS	PTFE, Reinforced PTFE, Viton, Nylon, Kelf, Devlon...
SPECIAL REQUIREMENTS	Heating jacket, cryogenic designs, all kind of operated, painting and coating

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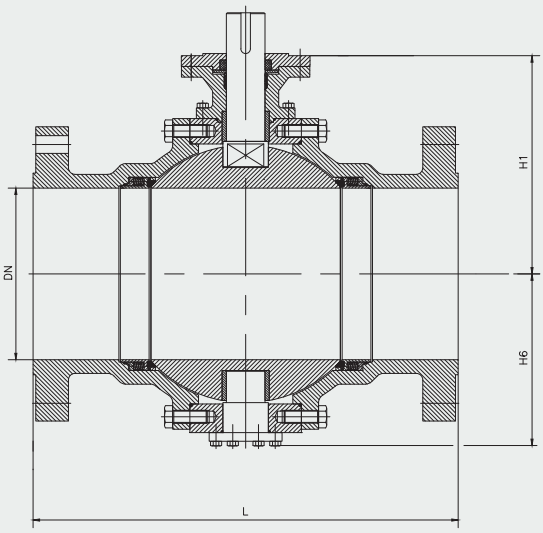
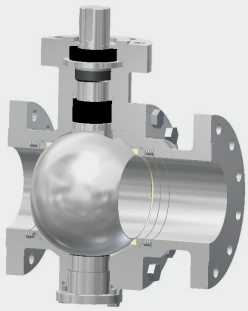
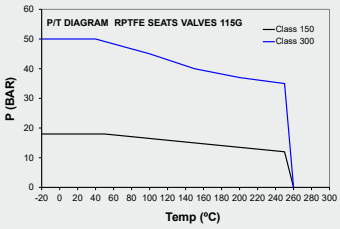
FHT VALVES
FLOW EXPERIENCE

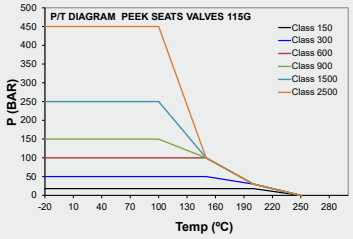
SOFT SEATED, THREE PIECE TRUNNION BALL VALVE
16" - 48" CLASS 300
PROTECTED SEAT, AUTOADJUSTABLE PACKING, SPRING LOADED

FIG. FHT-117G-3P-A300









SIZE (")	L (MM)	H1 (MM)	H6 (MM)	TOP FLANGE ISO	WEIGHT (KG)	TORQUE (NM*)
16		557.0	439.3	F30	1681	3541
18	914	629.5	481.5	F30	2074	5535
20	991	685.5	523.5	F30	2891	7546
22	1092	732.5	562.0	F35	4334	9098
24	1143	661.0	604.0	F35	5578	11274
26	1245	704.0	644.0	F35	6240	13477
28	1346	773.5	687.0	F35	7556	14311
30	1397	811.5	724.5	F40	9340	16877
32	1524	846.0	761.5	F40	10263	19689
34	1626	883.5	799.0	F40	12413	21501
36	1727	1087.5	847.5	F40	14214	30741
40	1930	1166.5	930.0	F40	18121	-
42	2083	1262.0	962.5	F40	21213	-
48	2170	1408.0	996.3	F40	30154	-

*Calculated based on normal ºC. To be used as a guide for actuator selection. 1.3~1.5 Safety Factor is recommended for actuator sizing. It may be changed depending on seat materials.

STANDARDS	
DESIGN	EN12516-1&2 ANSI B16.34&API 6D
FACE TO FACE	ASME B16.10
FLANGED ENDS	ASME B16.5
TOP FLANGE	ISO 5211
PRESSURE TESTS	EN12266-1/API 598/API 6D
VISUAL INSPECTION	MSS-SP-55

MAIN FEATURES
Bidirectional
Split body
Flanged Ends
Full bore
Trunnion ball
Soft seat
Pressure relieving seats
Anti blow out stem
Antistatic device
Locking device
Fire Safe
Autoadjustable Packing

MATERIALS	
BODY	Carbon steel , stainless steel, Duplex, Superduplex, Exotic materials...
TRIM	Stainless steel, Duplex, Superduplex, Exotic materials...
SEATS	PTFE, Reinforced PTFE, Viton, Nylon, Kelf, Devlon...
SPECIAL REQUIREMENTS	Heating jacket, cryogenic designs, all kind of operated, painting and coating

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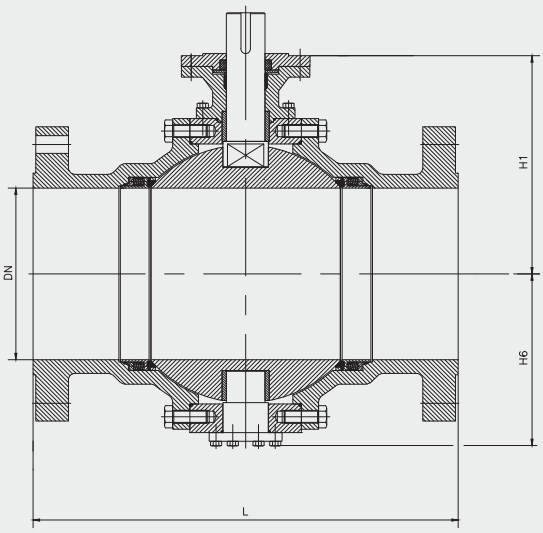
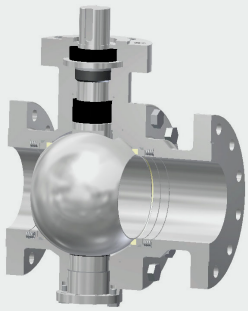
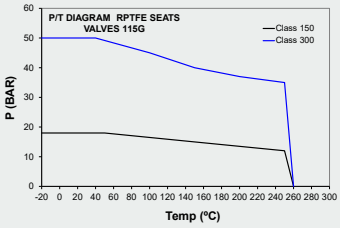
FLOW EXPERIENCE

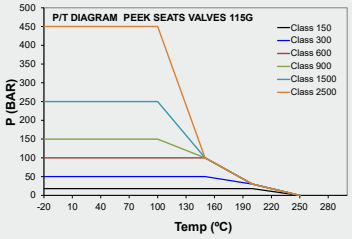
SOFT SEATED, THREE PIECE TRUNNION BALL VALVE
16" - 48" CLASS 600
PROTECTED SEAT, AUTOADJUSTABLE PACKING, SPRING LOADED

FIG. FHT-117G-3P-A600









SIZE (")	L (MM)	H1 (MM)	H6 (MM)	TOP FLANGE ISO	WEIGHT (KG)	TORQUE (NM*)
16	991	613.0	463.0	F30	2221	5551
18	1092	674.5	505.5	F30	2665	9081
20	1194	604.0	548.5	F30	3456	11254
22	1295	678.5	602.0	F35	4854	14897
24	1397	717.5	641.0	F35	6254	18054
26	1448	778.5	692.5	F35	8911	21957
28	1549	968.0	729.5	F35	9493	24714
30	1651	1012.5	775.5	F40	11341	32876
32	1778	1046.0	808.0	F40	13204	37741
34	1930	1084.0	845.0	F40	14154	42402
36	2083	1179.5	887.5	F40	18321	48985
40	2159	1105.5	859.3	F40	24347	-
42	2175	1200.0	891.8	F40	27505	-
48	2435	1468.0	998.8	F40	36750	-

*Calculated based on normal ºC. To be used as a guide for actuator selection. 1.3~1.5 Safety Factor is recommended for actuator sizing. It may be changed depending on seat materials.

STANDARDS	
DESIGN	EN12516-1&2 ANSI B16.34&API 6D
FACE TO FACE	ASME B16.10
FLANGED ENDS	ASME B16.5
TOP FLANGE	ISO 5211
PRESSURE TESTS	EN12266-1/API 598/API 6D
VISUAL INSPECTION	MSS-SP-55

MAIN FEATURES

Bidirectional
Split body
Flanged Ends
Full bore
Trunnion ball
Soft seat
Pressure relieving seats
Anti blow out stem
Antistatic device
Locking device
Fire Safe
Autoadjustable Packing

MATERIALS	
BODY	Carbon steel , stainless steel, Duplex, Superduplex, Exotic materials...
TRIM	Stainless steel, Duplex, Superduplex, Exotic materials...
SEATS	PTFE, Reinforced PTFE, Viton, Nylon, Kelf, Devlon...
SPECIAL REQUIREMENTS	Heating jacket, cryogenic designs, all kind of operated, painting and coating

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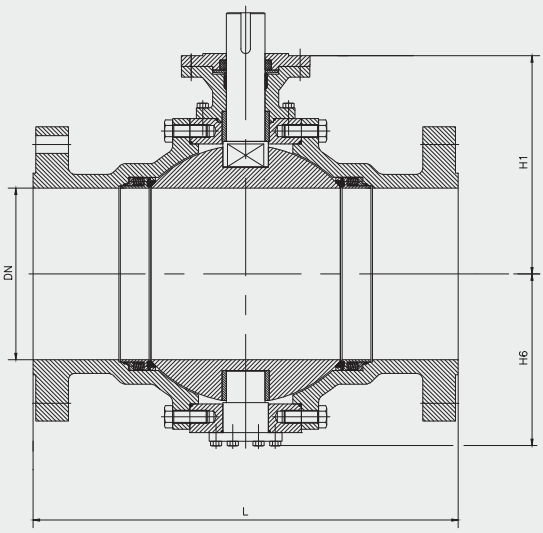
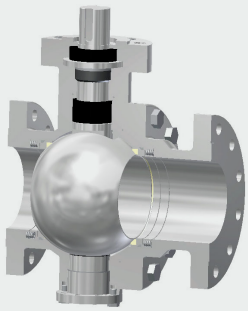
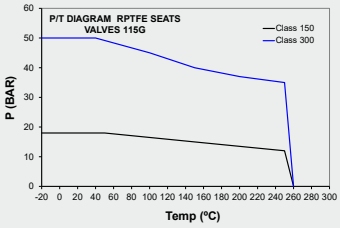
FHT VALVES
FLOW EXPERIENCE

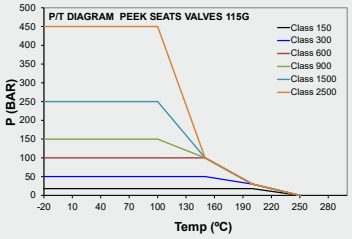
SOFT SEATED, THREE PIECE TRUNNION BALL VALVE
16" - 36" CLASS 900
PROTECTED SEAT, AUTOADJUSTABLE PACKING, SPRING LOADED

FIG. FHT-117G-3P-A900









SIZE (")	L (MM)	H1 (MM)	H6 (MM)	TOP FLANGE ISO	WEIGHT (KG)	TORQUE (NM*)
16	1130	540.5	489.5	F30	2346	9956
18	1219	584.0	538.0	F30	3021	14669
20	1321	663.5	580.5	F35	4394	20119
22	–	863.5	627.5	F35	5675	25446
24	1549	903.5	675.0	F35	7070	29991
26	1651	960.0	722.0	F40	13456	34997
28	1753	974.0	769.5	F40	18556	39004
30	1880	1094.5	809.0	F40	20098	46789
32	2032	1147.0	852.5	F40	21884	58716
34	2159	1054.0	745.8	F48	30221	64650
36	2286	1087.5	779.3	F48	36346	73340

*Calculated based on normal ºC. To be used as a guide for actuator selection. 1.3~1.5 Safety Factor is recommended for actuator sizing. It may be changed depending on seat materials.

STANDARDS	
DESIGN	EN12516-1&2 ANSI B16.34&API 6D
FACE TO FACE	ASME B16.10
FLANGED ENDS	ASME B16.5
TOP FLANGE	ISO 5211
PRESSURE TESTS	EN12266-1/API 598/API 6D
VISUAL INSPECTION	MSS-SP-55

MAIN FEATURES
Bidirectional
Split body
Flanged Ends
Full bore
Trunnion ball
Soft seat
Pressure relieving seats
Anti blow out stem
Antistatic device
Locking device
Fire Safe
Autoadjustable Packing

MATERIALS	
BODY	Carbon steel , stainless steel, Duplex, Superduplex, Exotic materials...
TRIM	Stainless steel, Duplex, Superduplex, Exotic materials...
SEATS	PTFE, Reinforced PTFE, Viton, Nylon, Kelf, Devlon...
SPECIAL REQUIREMENTS	Heating jacket, cryogenic designs, all kind of operated, painting and coating

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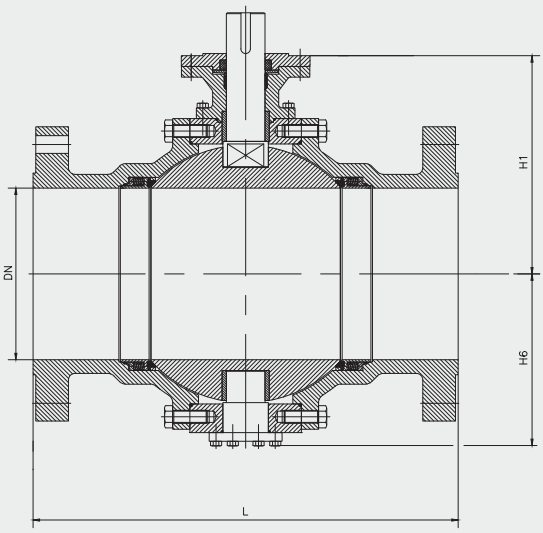
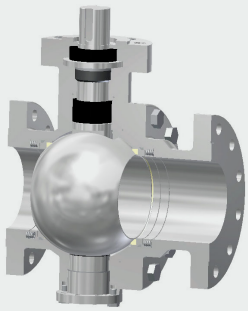
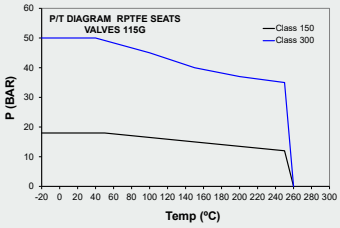
FHT VALVES
FLOW EXPERIENCE

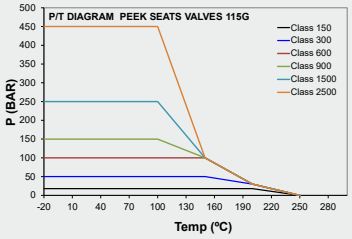
SOFT SEATED, THREE PIECE TRUNNION BALL VALVE
16" - 24" CLASS 1500
PROTECTED SEAT, AUTOADJUSTABLE PACKING, SPRING LOADED

FIG. FHT-117G-3P-A1500









SIZE (")	L (MM)	H1 (MM)	H6 (MM)	TOP FLANGE ISO	WEIGHT (KG)	TORQUE (NM*)
2	368	192.8	100.0	F10	61	245
3	470	212.0	121.3	F12	118	514
4	546	243.0	152.0	F12	191	870
6	705	315.5	293.0	F16	712	2011
8	832	464.0	346.5	F25	917	4698
10	991	557.0	398.0	F30	1465	8174
12	1130	510.0	453.0	F30	2647	10270
14	1257	538.5	480.0	F30	2741	11975
16	1384	601.5	527.5	F30	3247	14035
18	1537	779.5	585.5	F35	4298	26847
20	1664	824.5	636.0	F40	5317	31987
22	–	903.5	678.0	F40	6817	37749
24	1943	1025.5	727.5	F40	8591	44274

*Calculated based on normal ºC. To be used as a guide for actuator selection. 1.3~1.5 Safety Factor is recommended for actuator sizing. It may be changed depending on seat materials.

STANDARDS	
DESIGN	EN12516-1&2 ANSI B16.34&API 6D
FACE TO FACE	ASME B16.10
FLANGED ENDS	ASME B16.5
TOP FLANGE	ISO 5211
PRESSURE TESTS	EN12266-1/API 598/API 6D
VISUAL INSPECTION	MSS-SP-55

MAIN FEATURES
Bidirectional
Split body
Flanged Ends
Full bore
Trunnion ball
Soft seat
Pressure relieving seats
Anti blow out stem
Antistatic device
Locking device
Fire Safe
Autoadjustable Packing

MATERIALS	
BODY	Carbon steel , stainless steel, Duplex, Superduplex, Exotic materials...
TRIM	Stainless steel, Duplex, Superduplex, Exotic materials...
SEATS	PTFE, Reinforced PTFE, Viton, Nylon, Kelf, Devlon...
SPECIAL REQUIREMENTS	Heating jacket, cryogenic designs, all kind of operated, painting and coating

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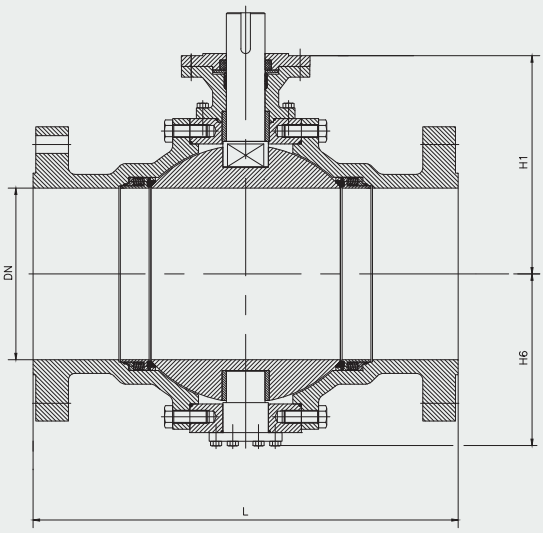
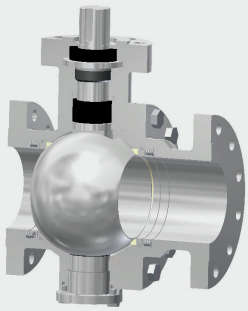
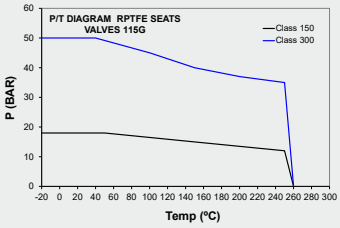
FHT VALVES
FLOW EXPERIENCE

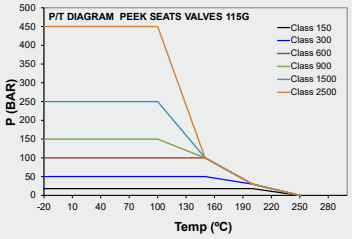
SOFT SEATED, THREE PIECE TRUNNION BALL VALVE
2" - 12" CLASS 2500
PROTECTED SEAT, AUTOADJUSTABLE PACKING, SPRING LOADED

FIG. FHT-117G-3P-A2500









SIZE (")	L (MM)	H1 (MM)	H6 (MM)	TOP FLANGE ISO	WEIGHT (KG)	TORQUE (NM*)
2	368	192.8	100.0	F10	103	360
3	470	212.0	121.3	F12	237	774
4	546	243.0	152.0	F14	437	1274
6	705	315.5	293.0	F25	911	4677
8	832	464.0	346.5	F25	1516	6711
10	991	557.0	398.0	F30	2471	12997
12	1130	510.0	453.0	F35	3843	21004

*Calculated based on normal ºC. To be used as a guide for actuator selection. 1.3~1.5 Safety Factor is recommended for actuator sizing. It may be changed depending on seat materials.

STANDARDS	
DESIGN	EN12516-1&2 ANSI B16.34&API 6D
FACE TO FACE	ASME B16.10
FLANGED ENDS	ASME B16.5
TOP FLANGE	ISO 5211
PRESSURE TESTS	EN12266-1/API 598/API 6D
VISUAL INSPECTION	MSS-SP-55

MAIN FEATURES
Bidirectional
Split body
Flanged Ends
Full bore
Trunnion ball
Soft seat
Pressure relieving seats
Anti blow out stem
Antistatic device
Locking device
Fire Safe
Autoadjustable Packing

MATERIALS	
BODY	Carbon steel , stainless steel, Duplex, Superduplex, Exotic materials...
TRIM	Stainless steel, Duplex, Superduplex, Exotic materials...
SEATS	PTFE, Reinforced PTFE, Viton, Nylon, Kelf, Devlon...
SPECIAL REQUIREMENTS	Heating jacket, cryogenic designs, all kind of operated, painting and coating

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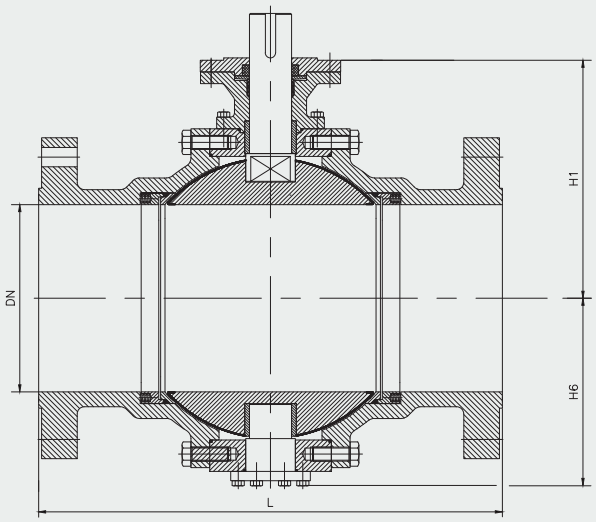
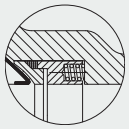
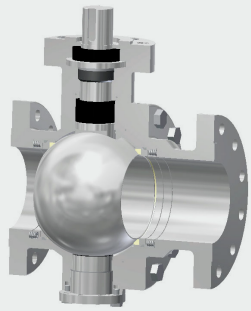
FHT VALVES
FLOW EXPERIENCE

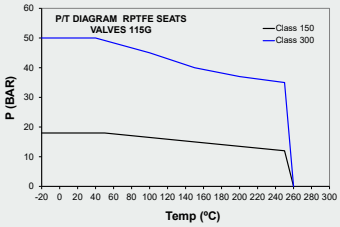
METAL SEATED, THREE PIECE TRUNNION BALL VALVE
16" - 48" CLASS 150
AUTOADJUSTABLE PACKING, SPRING LOADED

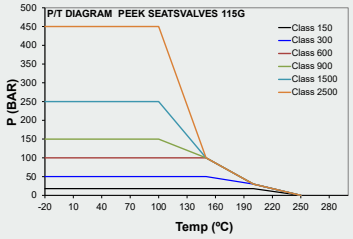
FIG. FHT-116G-3P-A150











SIZE (")	L (MM)	H1 (MM)	H6 (MM)	TOP FLANGE ISO	WEIGHT (KG)	TORQUE (NM*)
16	762	547.5	430.0	F30	1492	2900
18	864	585.5	467.5	F30	1874	3962
20	914	624.0	505.5	F30	2601	5331
22	991	706.0	553.3	F35	3712	5997
24	1067	761.0	590.8	F35	4334	7117
26	1143	797.5	626.8	F35	5203	9317
28	1245	730.5	668.5	F35	6314	10009
30	1295	768.5	706.0	F40	7354	10707
32	1372	801.5	738.5	F40	8934	13818
34	1473	839.0	775.5	F40	9846	15481
36	1524	896.5	809.0	F40	11065	16501
40	1727	1142.5	903.5	F40	16174	-
42	1829	1176.0	936.0	F40	17783	-
48	1995	1284.5	1047.5	F40	26989	-

*Calculated based on normal ºC. To be used as a guide for actuator selection. 1.3~1.5 Safety Factor is recommended for actuator sizing. It may be changed depending on seat materials.

STANDARDS	
DESIGN	EN12516-1&2 ANSI B16.34&API 6D
FACE TO FACE	ASME B16.10
FLANGED ENDS	ASME B16.5
TOP FLANGE	ISO 5211
PRESSURE TESTS	EN12266-1/API 598/API 6D
VISUAL INSPECTION	MSS-SP-55

MAIN FEATURES
Bidirectional
Split body
Flanged Ends
Full bore
Trunnion ball
Soft seat
Pressure relieving seats
Anti blow out stem
Antistatic device
Locking device
Fire Safe
Autoadjustable Packing

MATERIALS	
BODY	Carbon steel , stainless steel, Duplex, Superduplex, Exotic materials...
TRIM	Stainless steel, Duplex, Superduplex, Exotic materials...
SEATS	PTFE, Reinforced PTFE, Viton, Nylon, Kelf, Devlon...
SPECIAL REQUIREMENTS	Heating jacket, cryogenic designs, all kind of operated, painting and coating

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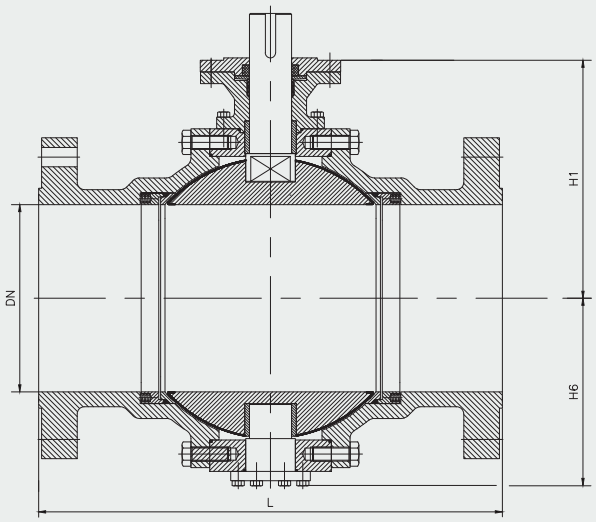
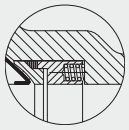
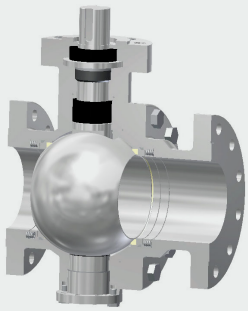
FHT VALVES
FLOW EXPERIENCE

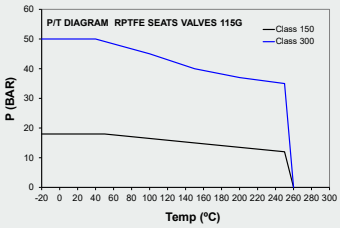
METAL SEATED, THREE PIECE TRUNNION BALL VALVE
16" - 48" CLASS 300
AUTOADJUSTABLE PACKING, SPRING LOADED

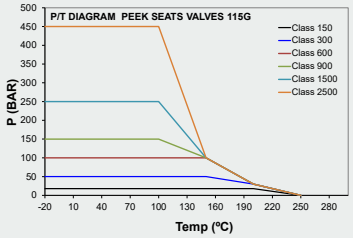
FIG. FHT-116G-3P-A300











SIZE (")	L (MM)	H1 (MM)	H6 (MM)	TOP FLANGE ISO	WEIGHT (KG)	TORQUE (NM*)
16		557.0	439.3	F30	1681	4072
18	914	629.5	481.5	F30	2074	6365
20	991	685.5	523.5	F30	2891	8687
22	1092	732.5	562.0	F35	4334	10462
24	1143	661.0	604.0	F35	5578	13072
26	1245	704.0	644.0	F35	6240	15479
28	1346	773.5	687.0	F35	7556	16456
30	1397	811.5	724.5	F40	9340	19507
32	1524	846.0	761.5	F40	10263	19689
34	1626	883.5	799.0	F40	12413	22614
36	1727	1087.5	847.5	F40	14214	35361
40	1930	1166.5	930.0	F40	18121	-
42	2083	1262.0	962.5	F40	21213	-
48	2170	1408.0	996.3	F40	30154	-

*Calculated based on normal ºC. To be used as a guide for actuator selection. 1.3~1.5 Safety Factor is recommended for actuator sizing. It may be changed depending on seat materials.

STANDARDS	
DESIGN	EN12516-1&2 ANSI B16.34&API 6D
FACE TO FACE	ASME B16.10
FLANGED ENDS	ASME B16.5
TOP FLANGE	ISO 5211
PRESSURE TESTS	EN12266-1/API 598/API 6D
VISUAL INSPECTION	MSS-SP-55

MAIN FEATURES
Bidirectional
Split body
Flanged Ends
Full bore
Trunnion ball
Soft seat
Pressure relieving seats
Anti blow out stem
Antistatic device
Locking device
Fire Safe
Autoadjustable Packing

MATERIALS	
BODY	Carbon steel , stainless steel, Duplex, Superduplex, Exotic materials...
TRIM	Stainless steel, Duplex, Superduplex, Exotic materials...
SEATS	PTFE, Reinforced PTFE, Viton, Nylon, Kelf, Devlon...
SPECIAL REQUIREMENTS	Heating jacket, cryogenic designs, all kind of operated, painting and coating

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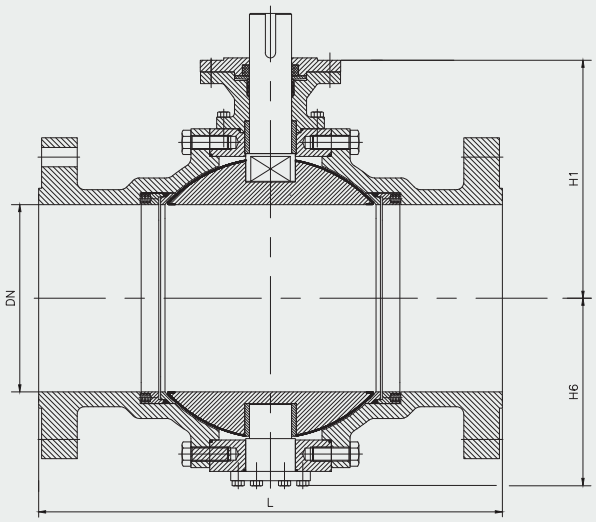
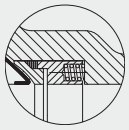
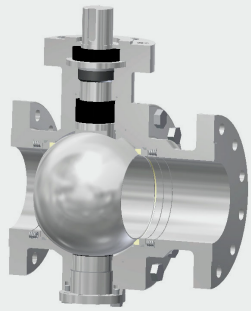
FHT VALVES
FLOW EXPERIENCE

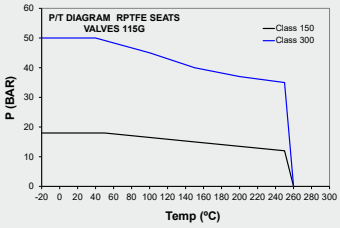
METAL SEATED, THREE PIECE TRUNNION BALL VALVE
16" - 48" CLASS 600
AUTOADJUSTABLE PACKING, SPRING LOADED

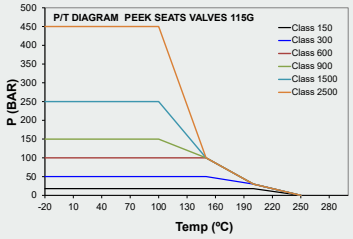
FIG. FHT-116G-3P-A600











SIZE (")	L (MM)	H1 (MM)	H6 (MM)	TOP FLANGE ISO	WEIGHT (KG)	TORQUE (NM*)
16	991	613.0	463.0	F30	2221	6385
18	1092	674.5	505.5	F30	2665	10501
20	1194	604.0	548.5	F30	3456	12954
22	1295	678.5	602.0	F35	4854	17142
24	1397	717.5	641.0	F35	6254	20549
26	1448	778.5	692.5	F35	8911	25257
28	1549	968.0	729.5	F35	9493	28423
30	1651	1012.5	775.5	F40	11341	37808
32	1778	1046.0	808.0	F40	13204	43501
34	1930	1084.0	845.0	F40	14154	48756
36	2083	1179.5	887.5	F40	18321	56334
40	2159	1105.5	859.3	F40	24347	-
42	2175	1200.0	891.8	F40	27505	-
48	2435	1468.0	998.8	F40	36750	-

*Calculated based on normal ºC. To be used as a guide for actuator selection. 1.3~1.5 Safety Factor is recommended for actuator sizing. It may be changed depending on seat materials.

STANDARDS	
DESIGN	EN12516-1&2 ANSI B16.34&API 6D
FACE TO FACE	ASME B16.10
FLANGED ENDS	ASME B16.5
TOP FLANGE	ISO 5211
PRESSURE TESTS	EN12266-1/API 598/API 6D
VISUAL INSPECTION	MSS-SP-55

MAIN FEATURES
Bidirectional
Split body
Flanged Ends
Full bore
Trunnion ball
Soft seat
Pressure relieving seats
Anti blow out stem
Antistatic device
Locking device
Fire Safe
Autoadjustable Packing

MATERIALS	
BODY	Carbon steel , stainless steel, Duplex, Superduplex, Exotic materials...
TRIM	Stainless steel, Duplex, Superduplex, Exotic materials...
SEATS	PTFE, Reinforced PTFE, Viton, Nylon, Kelf, Devlon...
SPECIAL REQUIREMENTS	Heating jacket, cryogenic designs, all kind of operated, painting and coating

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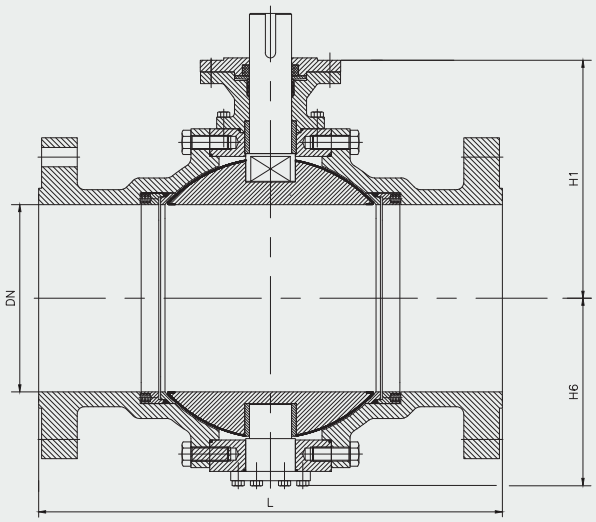
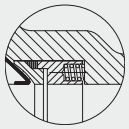
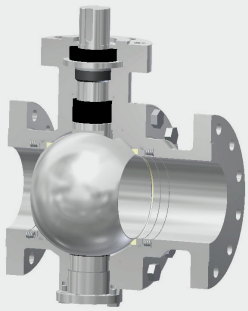
FHT VALVES
FLOW EXPERIENCE

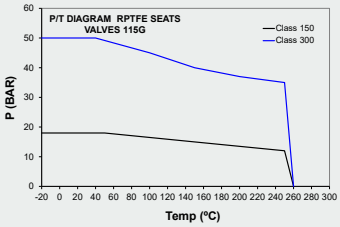
METAL SEATED, THREE PIECE TRUNNION BALL VALVE
16" - 36" CLASS 900
AUTOADJUSTABLE PACKING, SPRING LOADED

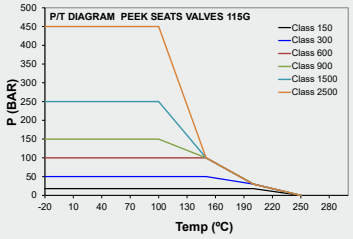
FIG. FHT-116G-3P-A900











SIZE (")	L (MM)	H1 (MM)	H6 (MM)	TOP FLANGE ISO	WEIGHT (KG)	TORQUE (NM*)
16	1130	540.5	489.5	F30	2346	11454
18	1219	584.0	538.0	F30	3021	16879
20	1321	663.5	580.5	F35	4394	23146
22	–	863.5	627.5	F35	5675	29267
24	1549	903.5	675.0	F35	7070	34504
26	1651	960.0	722.0	F40	13456	40299
28	1753	974.0	769.5	F40	18556	44850
30	1880	1094.5	809.0	F40	20098	53807
32	2032	1147.0	852.5	F40	21884	67520
34	2159	1054.0	745.8	F48	30221	74350
36	2286	1087.5	779.3	F48	36346	84356

*Calculated based on normal ºC. To be used as a guide for actuator selection. 1.3~1.5 Safety Factor is recommended for actuator sizing. It may be changed depending on seat materials.

STANDARDS	
DESIGN	EN12516-1&2 ANSI B16.34&API 6D
FACE TO FACE	ASME B16.10
FLANGED ENDS	ASME B16.5
TOP FLANGE	ISO 5211
PRESSURE TESTS	EN12266-1/API 598/API 6D
VISUAL INSPECTION	MSS-SP-55

MAIN FEATURES
Bidirectional
Split body
Flanged Ends
Full bore
Trunnion ball
Soft seat
Pressure relieving seats
Anti blow out stem
Antistatic device
Locking device
Fire Safe
Autoadjustable Packing

MATERIALS	
BODY	Carbon steel , stainless steel, Duplex, Superduplex, Exotic materials...
TRIM	Stainless steel, Duplex, Superduplex, Exotic materials...
SEATS	PTFE, Reinforced PTFE, Viton, Nylon, Kelf, Devlon...
SPECIAL REQUIREMENTS	Heating jacket, cryogenic designs, all kind of operated, painting and coating

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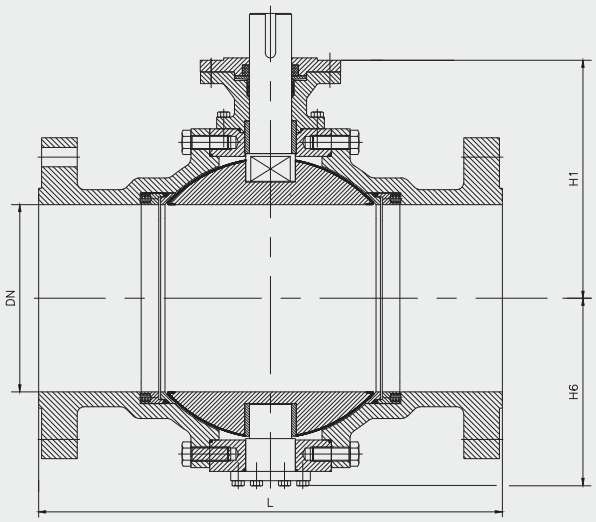
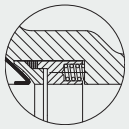
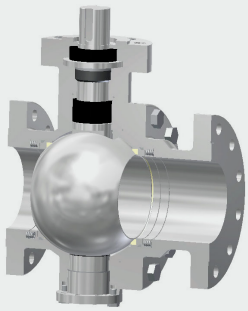
FHT VALVES
FLOW EXPERIENCE

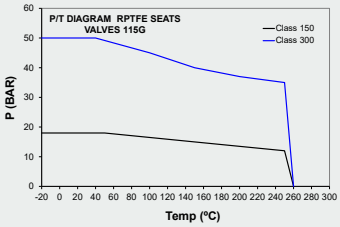
METAL SEATED, THREE PIECE TRUNNION BALL VALVE
16" - 24" CLASS 1500
AUTOADJUSTABLE PACKING, SPRING LOADED

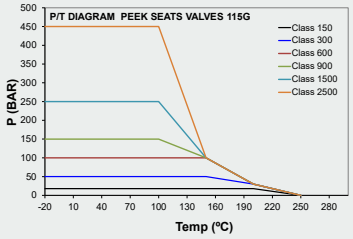
FIG. FHT-116G-3P-A1500











SIZE (")	L (MM)	H1 (MM)	H6 (MM)	WEIGHT (KG)
2	368	192.8	100.0	61
3	470	212.0	121.3	118
4	546	243.0	152.0	191
6	705	315.5	293.0	712
8	832	464.0	346.5	917
10	991	557.0	398.0	1465
12	1130	510.0	453.0	2647
14	1257	538.5	480.0	2741
16	1384	601.5	527.5	3247
18	1537	779.5	585.5	4298
20	1664	824.5	636.0	5317
22	–	903.5	678.0	6817
24	1943	1025.5	727.5	8591

*Calculated based on normal ºC. To be used as a guide for actuator selection. 1.3~1.5 Safety Factor is recommended for actuator sizing. It may be changed depending on seat materials.

STANDARDS	
DESIGN	EN12516-1&2 ANSI B16.34&API 6D
FACE TO FACE	ASME B16.10
FLANGED ENDS	ASME B16.5
TOP FLANGE	ISO 5211
PRESSURE TESTS	EN12266-1/API 598/API 6D
VISUAL INSPECTION	MSS-SP-55

MAIN FEATURES

Bidirectional
Split body
Flanged Ends
Full bore
Trunnion ball
Soft seat
Pressure relieving seats
Anti blow out stem
Antistatic device
Locking device
Fire Safe
Autoadjustable Packing

MATERIALS	
BODY	Carbon steel , stainless steel, Duplex, Superduplex, Exotic materials...
TRIM	Stainless steel, Duplex, Superduplex, Exotic materials...
SEATS	PTFE, Reinforced PTFE, Viton, Nylon, Kelf, Devlon...
SPECIAL REQUIREMENTS	Heating jacket, cryogenic designs, all kind of operated, painting and coating

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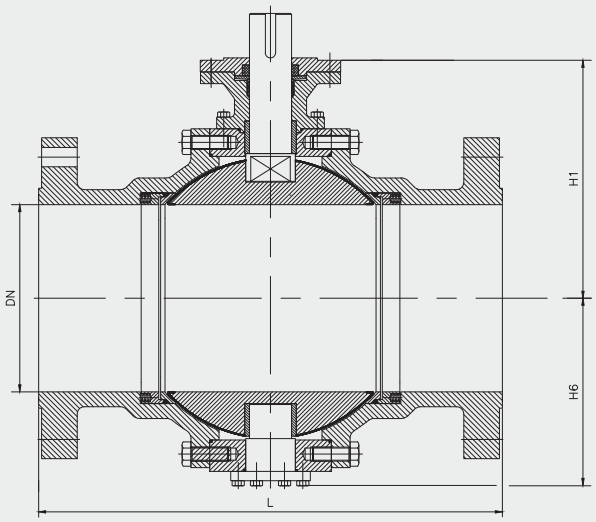
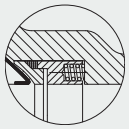
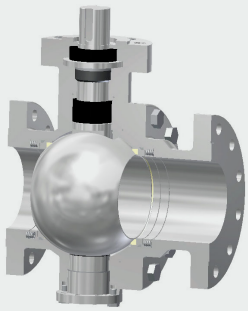
FHT VALVES
FLOW EXPERIENCE

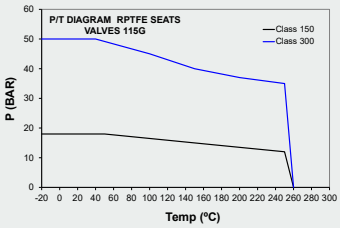
METAL SEATED, THREE PIECE TRUNNION BALL VALVE
2" - 12" CLASS 2500
AUTOADJUSTABLE PACKING, SPRING LOADED

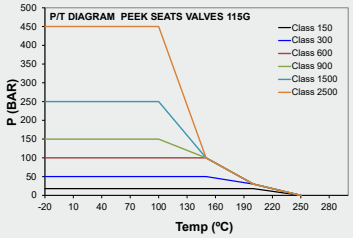
FIG. FHT-116G-3P-A2500











SIZE (")	L (MM)	H1 (MM)	H6 (MM)	WEIGHT (KG)
2	451	192.8	100.0	103
3	578	212.0	121.3	237
4	673	243.0	152.0	437
6	914	315.5	293.0	911
8	1022	464.0	346.5	1516
10	1270	557.0	398.0	2471
12	1422	510.0	453.0	3843

*Calculated based on normal ºC. To be used as a guide for actuator selection. 1.3~1.5 Safety Factor is recommended for actuator sizing. It may be changed depending on seat materials.

STANDARDS	
DESIGN	EN12516-1&2 ANSI B16.34&API 6D
FACE TO FACE	ASME B16.10
FLANGED ENDS	ASME B16.5
TOP FLANGE	ISO 5211
PRESSURE TESTS	EN12266-1/API 598/API 6D
VISUAL INSPECTION	MSS-SP-55

MAIN FEATURES
Bidirectional
Split body
Flanged Ends
Full bore
Trunnion ball
Soft seat
Pressure relieving seats
Anti blow out stem
Antistatic device
Locking device
Fire Safe
Autoadjustable Packing

MATERIALS	
BODY	Carbon steel , stainless steel, Duplex, Superduplex, Exotic materials...
TRIM	Stainless steel, Duplex, Superduplex, Exotic materials...
SEATS	PTFE, Reinforced PTFE, Viton, Nylon, Kelf, Devlon...
SPECIAL REQUIREMENTS	Heating jacket, cryogenic designs, all kind of operated, painting and coating

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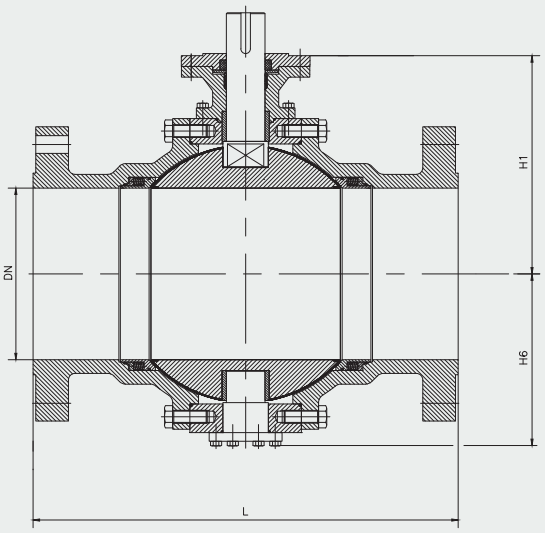
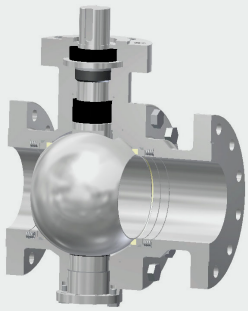
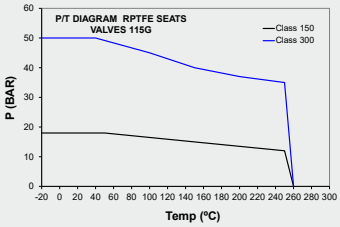
FHT VALVES
FLOW EXPERIENCE

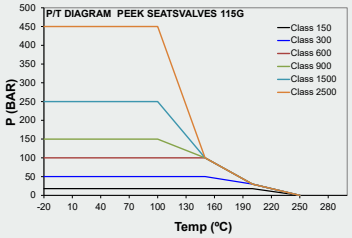
METAL SEATED, THREE PIECE TRUNNION BALL VALVE
16" - 48" CLASS 150
PROTECTED SEAT, AUTOADJUSTABLE PACKING, SPRING LOADED

FIG. FHT-118G-3P-A150









SIZE (")	L (MM)	H1 (MM)	H6 (MM)	TOP FLANGE ISO	WEIGHT (KG)	TORQUE (NM*)
16	762	547.5	430.0	F30	1492	2900
18	864	585.5	467.5	F30	1874	3962
20	914	624.0	505.5	F30	2601	5331
22	991	706.0	553.3	F35	3712	5997
24	1067	761.0	590.8	F35	4334	7117
26	1143	797.5	626.8	F35	5203	9317
28	1245	730.5	668.5	F35	6314	10009
30	1295	768.5	706.0	F40	7354	10707
32	1372	801.5	738.5	F40	8934	13818
34	1473	839.0	775.5	F40	9846	15481
36	1524	896.5	809.0	F40	11065	16501
40	1727	1142.5	903.5	F40	16174	-
42	1829	1176.0	936.0	F40	17783	-
48	1995	1284.5	1047.5	F40	26989	-

*Calculated based on normal ºC. To be used as a guide for actuator selection. 1.3~1.5 Safety Factor is recommended for actuator sizing. It may be changed depending on seat materials.

STANDARDS	
DESIGN	EN12516-1&2 ANSI B16.34&API 6D
FACE TO FACE	ASME B16.10
FLANGED ENDS	ASME B16.5
TOP FLANGE	ISO 5211
PRESSURE TESTS	EN12266-1/API 598/API 6D
VISUAL INSPECTION	MSS-SP-55

MAIN FEATURES
Bidirectional
Split body
Flanged Ends
Full bore
Trunnion ball
Soft seat
Pressure relieving seats
Anti blow out stem
Antistatic device
Locking device
Fire Safe
Autoadjustable Packing

MATERIALS	
BODY	Carbon steel , stainless steel, Duplex, Superduplex, Exotic materials...
TRIM	Stainless steel, Duplex, Superduplex, Exotic materials...
SEATS	PTFE, Reinforced PTFE, Viton, Nylon, Kelf, Devlon...
SPECIAL REQUIREMENTS	Heating jacket, cryogenic designs, all kind of operated, painting and coating

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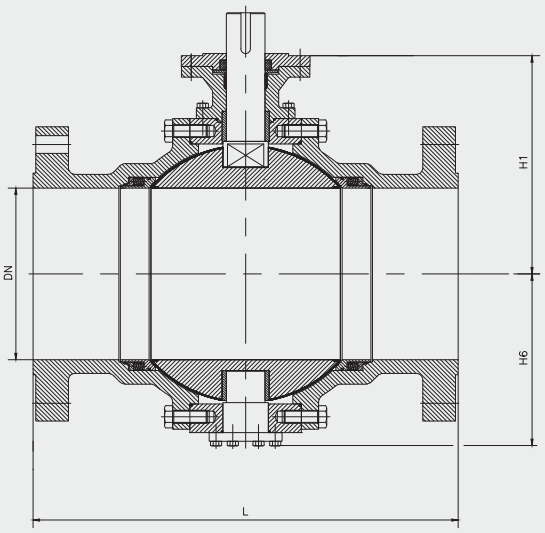
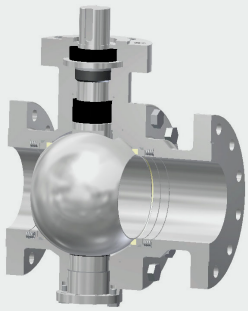
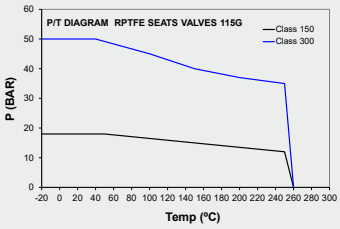
FHT VALVES
FLOW EXPERIENCE

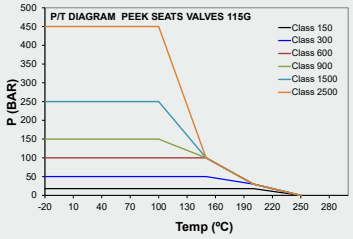
METAL SEATED, THREE PIECE TRUNNION BALL VALVE
16" - 48" CLASS 300
PROTECTED SEAT, AUTOADJUSTABLE PACKING, SPRING LOADED

FIG. FHT-118G-3P-A300









SIZE (")	L (MM)	H1 (MM)	H6 (MM)	TOP FLANGE ISO	WEIGHT (KG)	TORQUE (NM*)
16		557.0	439.3	F30	1681	4072
18	914	629.5	481.5	F30	2074	6365
20	991	685.5	523.5	F30	2891	8687
22	1092	732.5	562.0	F35	4334	10462
24	1143	661.0	604.0	F35	5578	13072
26	1245	704.0	644.0	F35	6240	15479
28	1346	773.5	687.0	F35	7556	16456
30	1397	811.5	724.5	F40	9340	19507
32	1524	846.0	761.5	F40	10263	19689
34	1626	883.5	799.0	F40	12413	22614
36	1727	1087.5	847.5	F40	14214	35361
40	1930	1166.5	930.0	F40	18121	-
42	2083	1262.0	962.5	F40	21213	-
48	2170	1408.0	996.3	F40	30154	-

*Calculated based on normal ºC. To be used as a guide for actuator selection. 1.3~1.5 Safety Factor is recommended for actuator sizing. It may be changed depending on seat materials.

STANDARDS	
DESIGN	EN12516-1&2 ANSI B16.34&API 6D
FACE TO FACE	ASME B16.10
FLANGED ENDS	ASME B16.5
TOP FLANGE	ISO 5211
PRESSURE TESTS	EN12266-1/API 598/API 6D
VISUAL INSPECTION	MSS-SP-55

MAIN FEATURES

Bidirectional
Split body
Flanged Ends
Full bore
Trunnion ball
Soft seat
Pressure relieving seats
Anti blow out stem
Antistatic device
Locking device
Fire Safe
Autoadjustable Packing

MATERIALS	
BODY	Carbon steel , stainless steel, Duplex, Superduplex, Exotic materials...
TRIM	Stainless steel, Duplex, Superduplex, Exotic materials...
SEATS	PTFE, Reinforced PTFE, Viton, Nylon, Kelf, Devlon...
SPECIAL REQUIREMENTS	Heating jacket, cryogenic designs, all kind of operated, painting and coating

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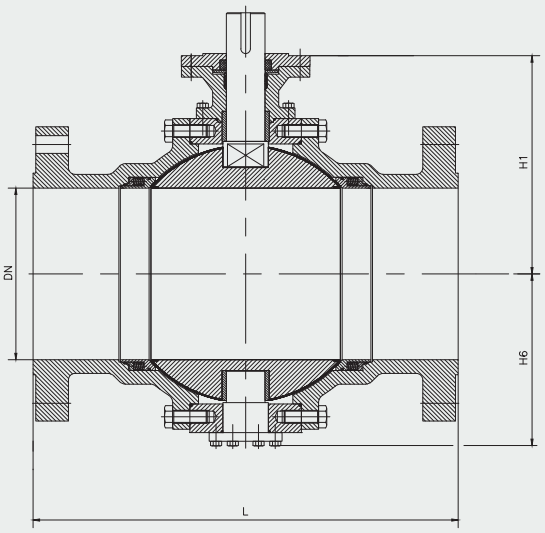
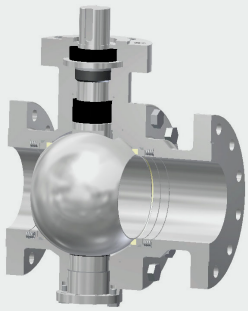
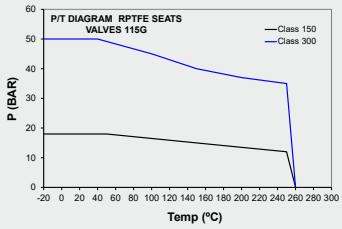
FLOW EXPERIENCE

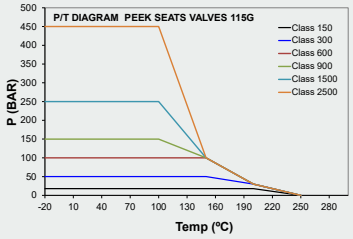
METAL SEATED, THREE PIECE TRUNNION BALL VALVE
16" - 48" CLASS 600
PROTECTED SEAT, AUTOADJUSTABLE PACKING, SPRING LOADED

FIG. FHT-118G-3P-A600









SIZE (")	L (MM)	H1 (MM)	H6 (MM)	TOP FLANGE ISO	WEIGHT (KG)	TORQUE (NM*)
16	991	613.0	463.0	F30	2221	6385
18	1092	674.5	505.5	F30	2665	10501
20	1194	604.0	548.5	F30	3456	12954
22	1295	678.5	602.0	F35	4854	17142
24	1397	717.5	641.0	F35	6254	20549
26	1448	778.5	692.5	F35	8911	25257
28	1549	968.0	729.5	F35	9493	28423
30	1651	1012.5	775.5	F40	11341	37808
32	1778	1046.0	808.0	F40	13204	43501
34	1930	1084.0	845.0	F40	14154	48756
36	2083	1179.5	887.5	F40	18321	56334
40	2159	1105.5	859.3	F40	24347	-
42	2175	1200.0	891.8	F40	27505	-
48	2435	1468.0	998.8	F40	36750	-

*Calculated based on normal ºC. To be used as a guide for actuator selection. 1.3~1.5 Safety Factor is recommended for actuator sizing. It may be changed depending on seat materials.

STANDARDS	
DESIGN	EN12516-1&2 ANSI B16.34&API 6D
FACE TO FACE	ASME B16.10
FLANGED ENDS	ASME B16.5
TOP FLANGE	ISO 5211
PRESSURE TESTS	EN12266-1/API 598/API 6D
VISUAL INSPECTION	MSS-SP-55

MAIN FEATURES

Bidirectional
Split body
Flanged Ends
Full bore
Trunnion ball
Soft seat
Pressure relieving seats
Anti blow out stem
Antistatic device
Locking device
Fire Safe
Autoadjustable Packing

MATERIALS	
BODY	Carbon steel , stainless steel, Duplex, Superduplex, Exotic materials...
TRIM	Stainless steel, Duplex, Superduplex, Exotic materials...
SEATS	PTFE, Reinforced PTFE, Viton, Nylon, Kelf, Devlon...
SPECIAL REQUIREMENTS	Heating jacket, cryogenic designs, all kind of operated, painting and coating

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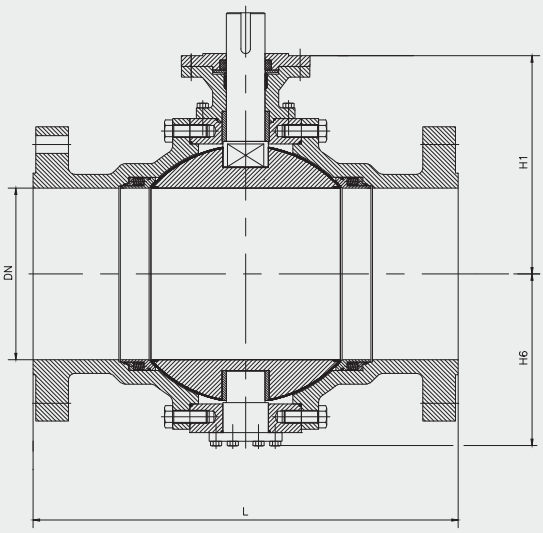
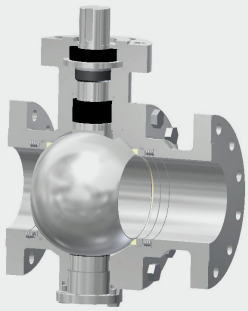
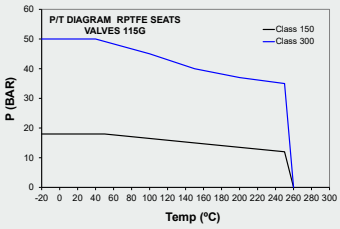
FHT VALVES
FLOW EXPERIENCE

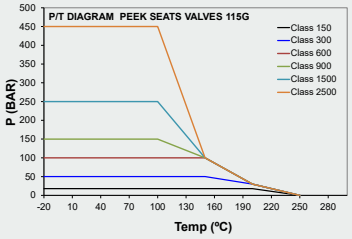
METAL SEATED, THREE PIECE TRUNNION BALL VALVE
16" - 36" CLASS 900
PROTECTED SEAT, AUTOADJUSTABLE PACKING, SPRING LOADED

FIG. FHT-118G-3P-A900









SIZE (")	L (MM)	H1 (MM)	H6 (MM)	TOP FLANGE ISO	WEIGHT (KG)	TORQUE (NM*)
16	1130	540.5	489.5	F30	2346	11454
18	1219	584.0	538.0	F30	3021	16879
20	1321	663.5	580.5	F35	4394	23146
22	–	863.5	627.5	F35	5675	29267
24	1549	903.5	675.0	F35	7070	34504
26	1651	960.0	722.0	F40	13456	40299
28	1753	974.0	769.5	F40	18556	44850
30	1880	1094.5	809.0	F40	20098	53807
32	2032	1147.0	852.5	F40	21884	67520
34	2159	1054.0	745.8	F48	30221	74350
36	2286	1087.5	779.3	F48	36346	84356

*Calculated based on normal ºC. To be used as a guide for actuator selection. 1.3~1.5 Safety Factor is recommended for actuator sizing. It may be changed depending on seat materials.

STANDARDS	
DESIGN	EN12516-1&2 ANSI B16.34&API 6D
FACE TO FACE	ASME B16.10
FLANGED ENDS	ASME B16.5
TOP FLANGE	ISO 5211
PRESSURE TESTS	EN12266-1/API 598/API 6D
VISUAL INSPECTION	MSS-SP-55

MAIN FEATURES
Bidirectional
Split body
Flanged Ends
Full bore
Trunnion ball
Soft seat
Pressure relieving seats
Anti blow out stem
Antistatic device
Locking device
Fire Safe
Autoadjustable Packing

MATERIALS	
BODY	Carbon steel , stainless steel, Duplex, Superduplex, Exotic materials...
TRIM	Stainless steel, Duplex, Superduplex, Exotic materials...
SEATS	PTFE, Reinforced PTFE, Viton, Nylon, Kelf, Devlon...
SPECIAL REQUIREMENTS	Heating jacket, cryogenic designs, all kind of operated, painting and coating

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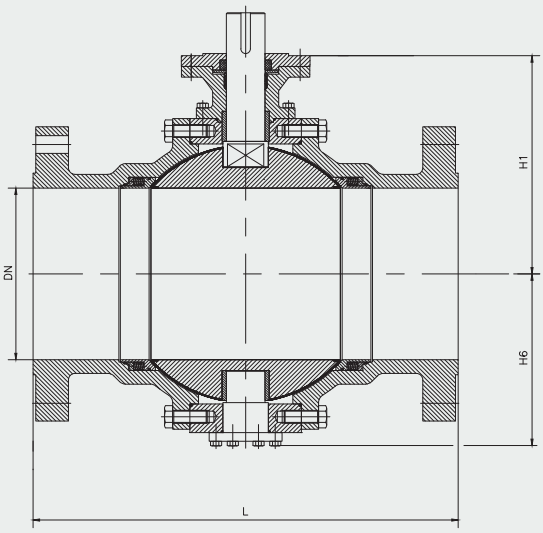
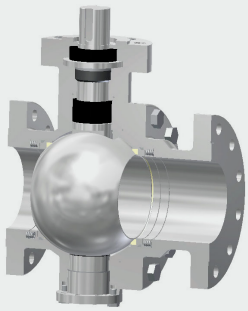
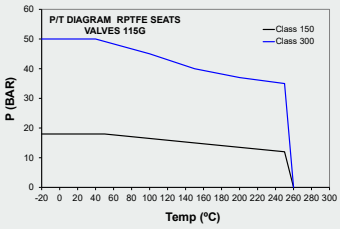
FHT VALVES
FLOW EXPERIENCE

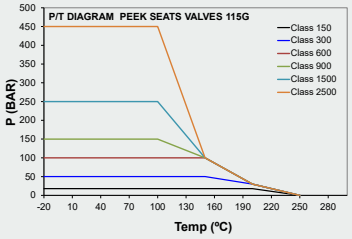
METAL SEATED, THREE PIECE TRUNNION BALL VALVE
16" - 24" CLASS 1500
PROTECTED SEAT, AUTOADJUSTABLE PACKING, SPRING LOADED

FIG. FHT-118G-3P-A1500









SIZE (")	L (MM)	H1 (MM)	H6 (MM)	WEIGHT (KG)
2	368	192.8	100.0	61
3	470	212.0	121.3	118
4	546	243.0	152.0	191
6	705	315.5	293.0	712
8	832	464.0	346.5	917
10	991	557.0	398.0	1465
12	1130	510.0	453.0	2647
14	1257	538.5	480.0	2741
16	1384	601.5	527.5	3247
18	1537	779.5	585.5	4298
20	1664	824.5	636.0	5317
22	–	903.5	678.0	6817
24	1943	1025.5	727.5	8591

*Calculated based on normal ºC. To be used as a guide for actuator selection. 1.3~1.5 Safety Factor is recommended for actuator sizing. It may be changed depending on seat materials.

STANDARDS	
DESIGN	EN12516-1&2 ANSI B16.34&API 6D
FACE TO FACE	ASME B16.10
FLANGED ENDS	ASME B16.5
TOP FLANGE	ISO 5211
PRESSURE TESTS	EN12266-1/API 598/API 6D
VISUAL INSPECTION	MSS-SP-55

MAIN FEATURES

Bidirectional
Split body
Flanged Ends
Full bore
Trunnion ball
Soft seat
Pressure relieving seats
Anti blow out stem
Antistatic device
Locking device
Fire Safe
Autoadjustable Packing

MATERIALS	
BODY	Carbon steel , stainless steel, Duplex, Superduplex, Exotic materials...
TRIM	Stainless steel, Duplex, Superduplex, Exotic materials...
SEATS	PTFE, Reinforced PTFE, Viton, Nylon, Kelf, Devlon...
SPECIAL REQUIREMENTS	Heating jacket, cryogenic designs, all kind of operated, painting and coating

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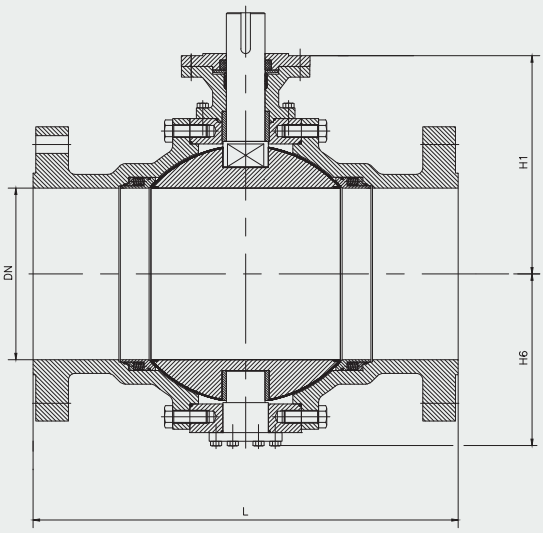
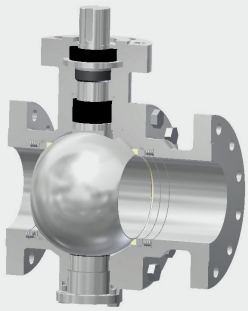
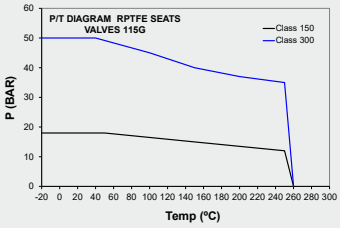
FHT VALVES
FLOW EXPERIENCE

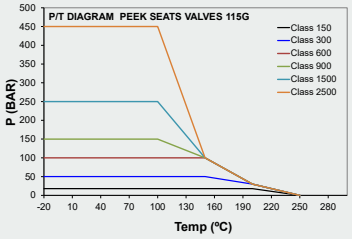
METAL SEATED, THREE PIECE TRUNNION BALL VALVE
2" - 12" CLASS 2500
PROTECTED SEAT, AUTOADJUSTABLE PACKING, SPRING LOADED

FIG. FHT-118G-3P-A2500









SIZE (")	L (MM)	H1 (MM)	H6 (MM)	WEIGHT (KG)
2	451	192.8	100.0	103
3	578	212.0	121.3	237
4	673	243.0	152.0	437
6	914	315.5	293.0	911
8	1022	464.0	346.5	1516
10	1270	557.0	398.0	2471
12	1422	510.0	453.0	3843

*Calculated based on normal ºC. To be used as a guide for actuator selection. 1.3~1.5 Safety Factor is recommended for actuator sizing. It may be changed depending on seat materials.

STANDARDS	
DESIGN	EN12516-1&2 ANSI B16.34&API 6D
FACE TO FACE	ASME B16.10
FLANGED ENDS	ASME B16.5
TOP FLANGE	ISO 5211
PRESSURE TESTS	EN12266-1/API 598/API 6D
VISUAL INSPECTION	MSS-SP-55

MAIN FEATURES
Bidirectional Split body Flanged Ends Full bore Trunnion ball Soft seat Pressure relieving seats Anti blow out stem Antistatic device Locking device Fire Safe Autoadjustable Packing

MATERIALS	
BODY	Carbon steel , stainless steel, Duplex, Superduplex, Exotic materials...
TRIM	Stainless steel, Duplex, Superduplex, Exotic materials...
SEATS	PTFE, Reinforced PTFE, Viton, Nylon, Kelf, Devlon...
SPECIAL REQUIREMENTS	Heating jacket, cryogenic designs, all kind of operated, painting and coating

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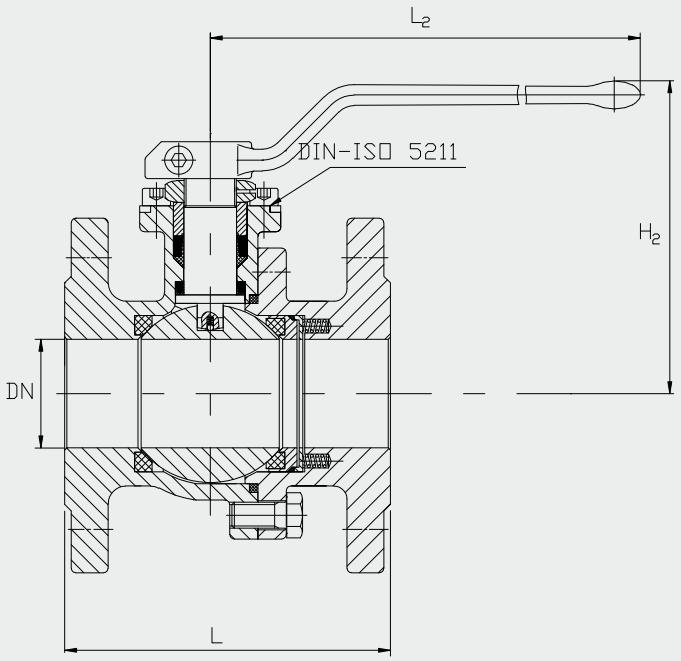
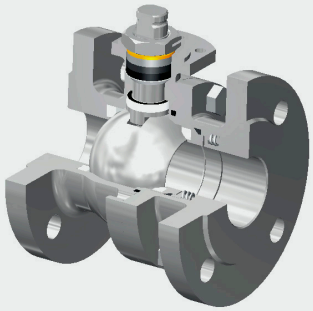
FHT VALVES
FLOW EXPERIENCE

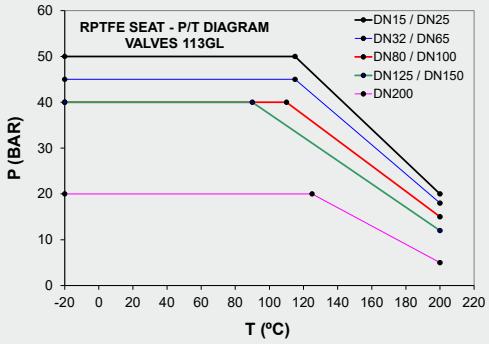
SOFT SEATED, TWO PIECE FLOATING BALL VALVE 1/2"-8" CLASS 150

DOUBLE PACKING, DOUBLE STEM SEAL & SPRING LOADED

FIG. FHT-113GL-A150







SIZE (")	L (MM)	H2 (MM)	L2 (MM)	TOP FLANGE ISO	WEIGHT (KG)	TORQUE (NM*)
1/2	108	95	160	F05	2.4	9
3/4	117	101	160	F05	2.9	11
1	127	115	180	F05	4.2	13
1 1/4	140	125	180	F05	5.9	24
1 1/2	165	135	300	F07	7.7	32
2	178	145	300	F07	11.6	44
2 1/2	190	157	300	F07	17	55
3	203	197	450	F10	23.8	90
4	229	212	450	F10	36	120
5	254	230	800	F12	54	250
6	394	263	800	F12	77	390
8	457	310	800	F14	150	415

*Calculated based on normal ºC. To be used as a guide for actuator selection. 1.3~1.5 Safety Factor is recommended for actuator sizing. It may be changed depending on seat materials.

STANDARDS	
DESIGN	EN12516-1&2 ANSI B16.34&API 6D
FACE TO FACE	EN558-1
FLANGED ENDS	EN 1092-1
TOP FLANGE	ISO 5211
PRESSURE TESTS	EN12266-1/API 598/API 6D
VISUAL INSPECTION	MSS-SP-55

MAIN FEATURES

Bidirectional
Split body
Flanged Ends
Full bore
Floating ball
Soft seat
Pressure relieving seats
Anti blow out stem
Antistatic device
Locking device
Fire Safe

MATERIALS	
BODY	Carbon steel , stainless steel, Duplex, Superduplex, Exotic materials...
TRIM	Stainless steel, Duplex, Superduplex, Exotic materials...
SEATS	PTFE, Reinforced PTFE, Viton, Nylon, Kelf, Devlon...
SPECIAL REQUIREMENTS	Heating jacket, cryogenic designs, all kind of operated, painting and coating

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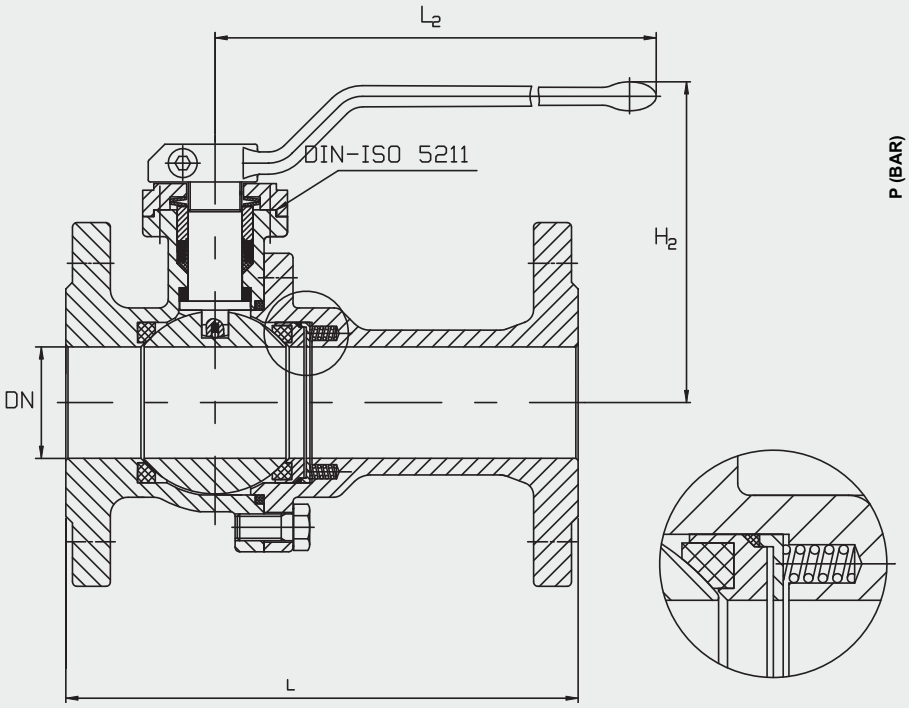
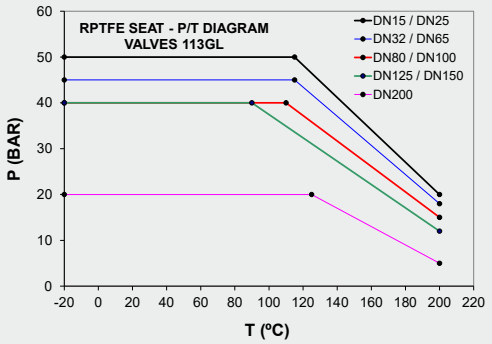
FHT VALVES
FLOW EXPERIENCE

SOFT SEATED, TWO PIECE FLOATING BALL VALVE
DN15-DN150 CLASS 300
DOUBLE PACKING, DOUBLE STEM SEAL & SPRING LOADED

FIG. FHT-113GL-A300





DN	L (MM)	H2 (MM)	L2 (MM)	TOP FLANGE ISO	WEIGHT LP (KG)	TORQUE (NM*)
15	140	95	160	F05	3	7
20	152	101	160	F05	3.9	9
25	165	115	180	F05	4.9	10
32	178	125	180	F05	8	18
40	190	135	300	F07	9.6	24
50	216	145	300	F07	12.7	33
65	241	157	300	F07	18.4	42
80	283	197	450	F10	23.8	67
100	304	212	450	F10	35.5	90
125	381	230	800	F12	65	190
150	403	263	800	F12	80	305

*Calculated based on normal ºC. To be used as a guide for actuator selection. 1.3~1.5 Safety Factor is recommended for actuator sizing. It may be changed depending on seat materials.

STANDARDS	
DESIGN	EN12516-1&2 ANSI B16.34&API 6D
FACE TO FACE	EN558-1
FLANGED ENDS	EN 1092-1
TOP FLANGE	ISO 5211
PRESSURE TESTS	EN12266-1/API 598/API 6D
VISUAL INSPECTION	MSS-SP-55

MAIN FEATURES
Bidirectional Split body Flanged Ends Full bore Floating ball Soft seat Pressure relieving seats Anti blow out stem Antistatic device Locking device Fire Safe

MATERIALS	
BODY	Carbon steel , stainless steel, Duplex, Superduplex, Exotic materials...
TRIM	Stainless steel, Duplex, Superduplex, Exotic materials...
SEATS	PTFE, Reinforced PTFE, Viton, Nylon, Kelf, Devlon...
SPECIAL REQUIREMENTS	Heating jacket, cryogenic designs, all kind of operated, painting and coating

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