

GENERAL FEATURE

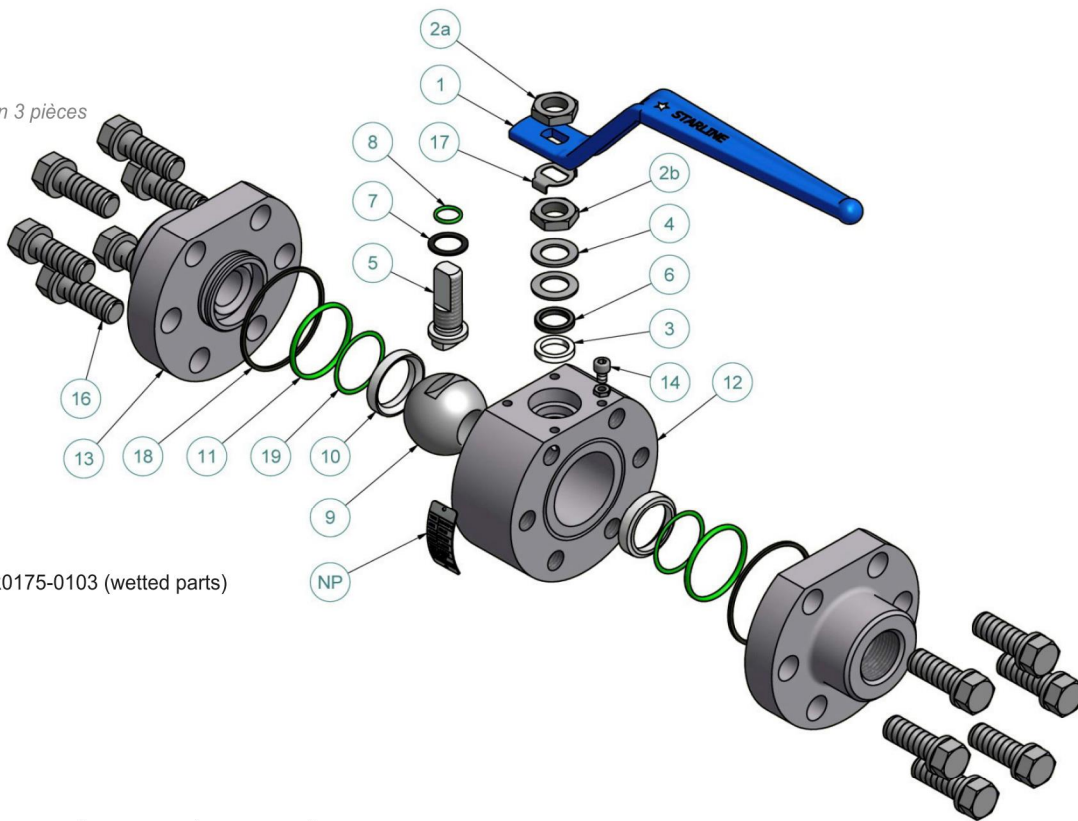
Floating ball / Boisseau flottant
 3 pieces construction / Construction 3 pièces
 Full bore / Passage intégral
 Soft seat / Siège souple
 Bidirectional
 TA-LUFT
 Anti Blow out proof stem
 Autoadjustable packing
 Anti static device
 Self-cavity relief

STANDARDS

Marking : MSS SP25
 Top flange ISO 5211
 Testing API 598, Rate A
 Design : selon B16-34
 NPT Connections : ASME B1.20.1
 BSPP Connections : ISO 228/1
 BSPT Connections : ISO 7/1
 MATERIAL : ASTM and NACE MR0175-0103 (wetted parts)

OFFICIAL APPROVALS

FIRE SAFE
 ISO 15848 RATE B
 ATEX IM2 / II 2 GD
 PED Module H CAT III
 SIL 3
 EN 161/EN 264



ITEM NO	QTY	PART NAME	NOMENCLATURE	CARBON STEEL MATERIAL 165 NGVG-CL900+2500	STAINLESS STEEL MATERIAL 166 NGVG-CL900+2500
NP	1	Name plate	Plaque d'indentification	AISI 316	AISI 316
1	1	Handle	Levier	Carbon steel + Epoxy coated	Carbon steel + Epoxy coated
2a	2	Handle nut	Ecroû levier	AISI 316	AISI 316
2b					
3	1	Packing ring	Garniture	Graphite	Graphite
4	2 ^{Note1}	Spring washers	Rondelle ressort	AISI 316 Treated	AISI 316 Treated
5	1	Antistatic stem	Tige antistatique	AISI 316/316L Dual Certified	AISI 316/316L Dual Certified
6	1 ^{Note2}	Gland packing	Fouloir	AISI 316	AISI 316
7	1	Thrust washer	Rondelle butée	PTFE	PTFE
8	1	"O" ring stem	Joint torique	Viton	Viton
9	1	Ball	Sphère	AISI 316/316L Dual Certified	AISI 316/316L Dual Certified
10	2	Seats	Sièges	NYLON DEVLON	NYLON DEVLON
11	2	1° Body seals	1° Joint de corps	Viton	Viton
12	1	Body	Corps	LF2	AISI 316/316L Dual Certified
13	2	End connections	Embout	LF2	AISI 316/316L Dual Certified
14	1	Stop-pin	Butée	AISI 316	AISI 316
16	12	Bolts	Vis	L7 + Zinc Plated	B8
17	1	Stop washer	Rondelle frein	AISI 316	AISI 316
18	2	2° Body seals	2° Joint de corps	Graphite	Graphite
19	2	Seats gasket	Joint de sièges	Viton	Viton

Note 1: Qty 3 for DN25 - 1"

Note 2: Qty 2 for DN20 - 3/4"

MEGA STAR N°6

FLOATING BALL VALVE

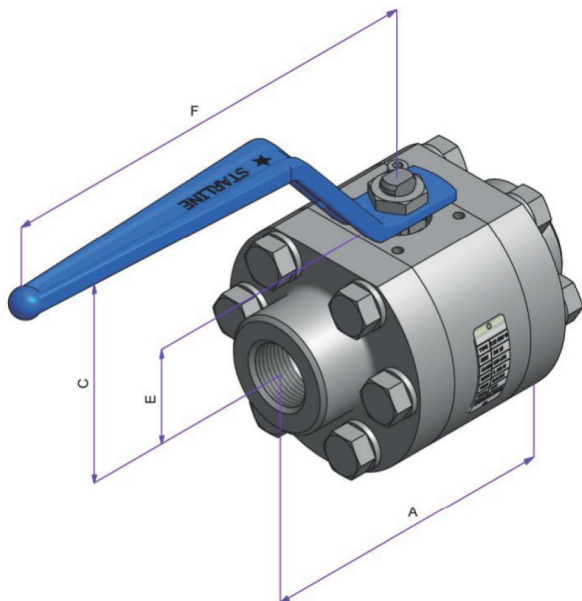
CLASS 2500 - DN08÷25 FB - 1/4"±1" FB

Fig: 165NGV /166NGV

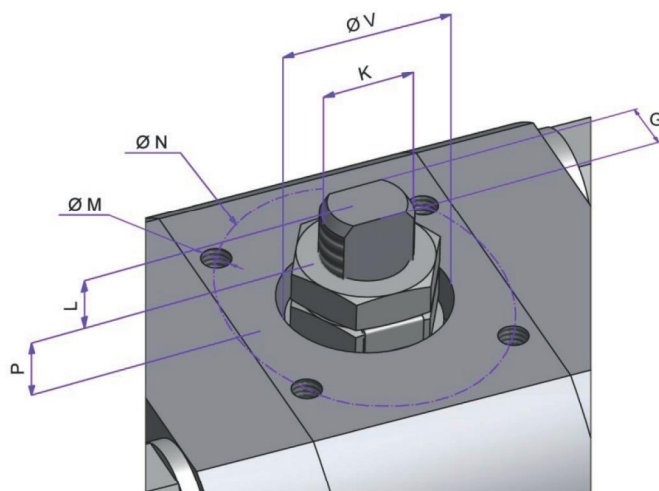
RACCORDEMENT **A VISSE**

SCREWED ENDS

NPT-BSPP-BSPT



TOP VIEW

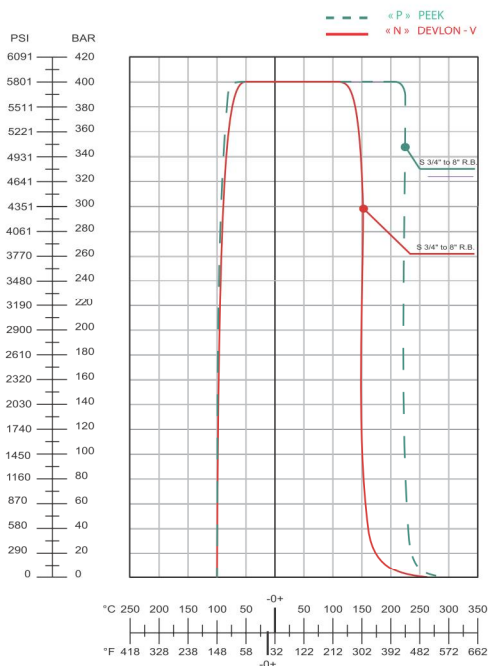


FULL BORE								TOP MOUNTING										
VALVE SIZE		DIMENSION [mm]					WEIGHT [kg]	DIMENSIONS [mm]							ISO 5211	TORQUE [N.m]	MAST [N.m]	
NPS	DN	A	BORE	C	E	F	NPT-BSPP-BSPT	L	P	V	K	G	N	M				
1/4" x 1/4"	08 x 08	100	11.1	98	30.5	172.5	2.5	5.9	6.7	23	M12x1.25	7.5	36	M5x8	F03	48	65	
3/8" x 3/8"	10 x 10	100	11.1	98	30.5	172.5	2.5	5.9	6.7	23	M12x1.25	7.5	36	M5x8	F03	48	100	
1/2" x 1/2"	15 x 15	100	11.1	98	30.5	172.5	2.5	5.9	6.7	23	M12x1.25	7.5	36	M5x8	F03	48	100	
3/4" x 3/4"	20 x 20	127	15.5	106	41	172.5	4.8	5.6	6.4	23	M12x1.25	7.5	42	M5x8	F04	62	180	
1" x 1"	25 x 25	140	21	113	46	218	6.6	11.2	8.2	28	M15x1.5	8.9	50	M6x10	F05	70	180	

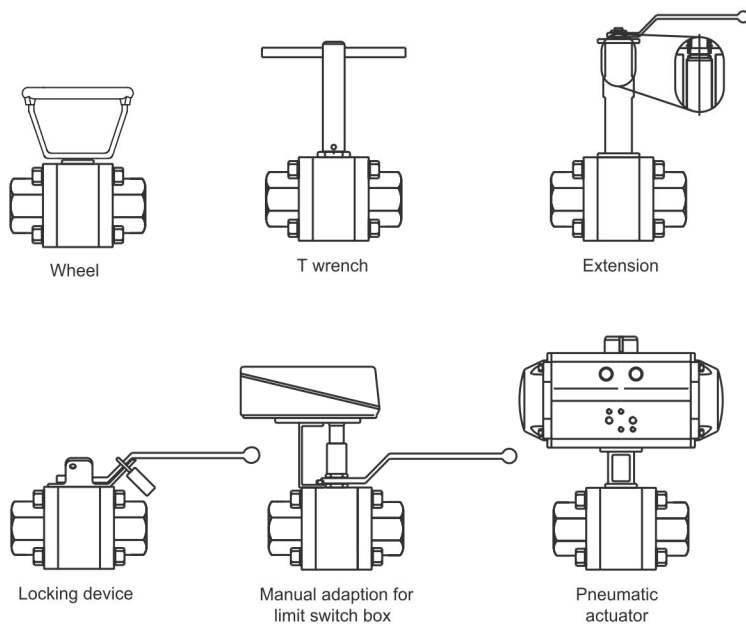
- Net torque mesured with clean water at ambient temperature

- Mast for AISI 316 material

PRESSURE/TEMPERATURE LIMITATION OF SEAT SEAL (according working conditions)



DIFFERENT CONFIGURATIONS (others on request)



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ref n° DS1040 Rev0 (datas not contractual)