

GENERAL FEATURE

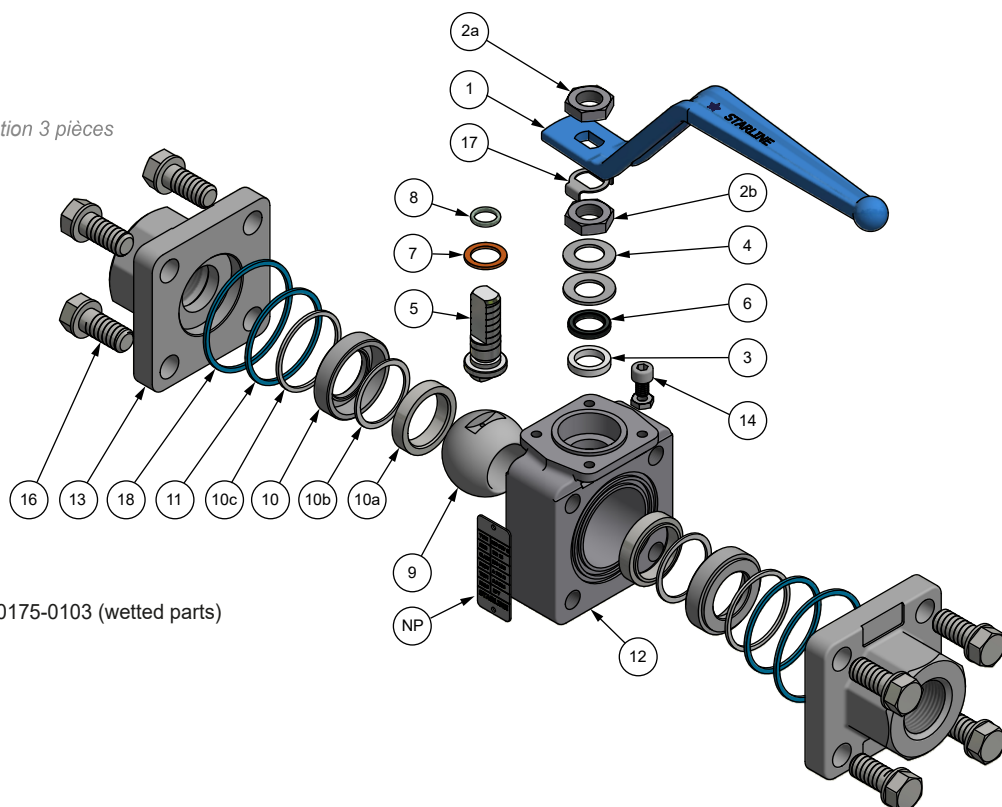
Floating ball / *Boisseau flottant*
 Construction in 3 pieces / *Construction 3 pièces*
 Full bore / *Passage intégral*
 Metal / metal seats
 Bidirectional
 TA-LUFT
 Anti Blow out proof stem.
 Anti static device.
 Triple stem seal
 Double body seal

STANDARDS

Marking : MSS SP25
 Top flange ISO5211
 Testing API 598
 Design B16-34 Materials
 NPT Connections : ASME B1.20.1
 BSPP Connections : ISO R/228
 BSPP 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
 SIL3
 EN161/EN264
 Leakage Class V ²



ITEM NO	QTY	PART NAME	NOMENCLATURE	MATERIAL (LF2/316) 115 MGv-CL600	MATERIAL (316/316) 116 MGv-CL600
NP	1	Name plate	Plaque d'indentification	AISI 316	AISI 316
1	1	Handle	Levier	Carbon steel + Epoxy coated	Carbon steel + Epoxy coated ¹
2a	2	Handle nut	Ecrou levier	AISI 304	AISI 304
2b					
3	2	Packing ring	Garniture	Graphite	Graphite
4	2	Spring washers	Rondelle ressort	AISI 316 Treated	AISI 316 Treated
5	1	Antistatic stem	Tige antistatique	ASTM A479 UNS S31803	ASTM A479 UNS S31803
6	1 ¹	Gland packing	Fouloir	AISI 316	AISI 316
7	1	Thrust washer	Rondelle butée	PTFE ³	PTFE ³
8	1	"O" ring stem	Joint torique	Viton	Viton
9	1	Ball	Sphère	ASTM A479 UNS S31803	ASTM A479 UNS S31803
10	2	Seat Ring	Anneau de Siège	S.S 316/316L Dual Certified	S.S 316/316L Dual Certified
10a	2	Seat	Siège	S.S 316/316L Dual Certified+TCC	S.S 316/316L Dual Certified+TCC
10b	2	Seat Gasket	Joint de Siège	Viton	Viton
10c	2	Seat Ring Gasket	Anneau du joint de Siège	Viton	Viton
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 304	AISI 304
18	2	2° Body seals	2° Joint de corps	Graphite	Graphite

RECOMMENDED 2 YEARS SPARE PARTS / RECOMMANDE DE REMPLACER CES PIECES APRES 2 ANS D'UTILISATION

1) DN20-3/4" quantity 2pcs
 2) Class VI (sur demande)

3) Option : PEEK
 TCC= Tungsten Carbide Coating (HVOF)

SUPER STAR N°1 FLOATING BALL VALVE

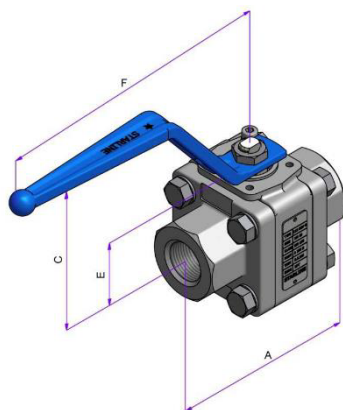
CLASS 600 - DN08-40 FB - 1/4" - 1.1/2" FB

Fig : 115MGV / 116 MGV

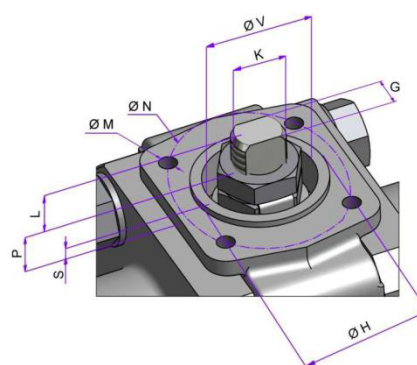
RACCORDEMENT A VISSER

SCREWED ENDS

NPT-BSPP-BSPT



TOP VIEW

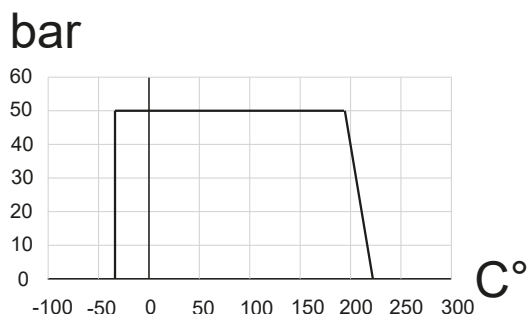


FULL BORE								TOP MOUNTING									
VALVE SIZE		DIMENSIONS [mm]						DIMENSIONS [mm]									
NPS	DN	A	BORE	C	E	F	WEIGHT [Kg]	L	P	S	V	K	G	H	N	M	ISO 5211
1/4"x 1/4"	08 x 08	75	111	79	305	144	1	36	54	15	21	M10x1	55	25	36	M5x8	F03
3/8"x 3/8"	10 x 10	75	111	79	305	144	1	36	54	15	21	M10x1	55	25	36	M5x8	F03
1/2"x 1/2"	15 x 15	80	142	81	325	144	12	36	59	15	21	M10x1	55	25	36	M5x8	F03
3/4"x 3/4"	20 x 20	100	205	98	39	1725	23	9	5	15	25	M12x1.25	75	30	42	M5x8	F04
1"x 1"	25 x 25	110	254	100	38	1725	32	10	10	15	25	M12x1.25	75	30	42	M5x8	F04
1.1/4"x 1.1/4"	32 x 32	120	317	110	435	218	45	13	14	15	30	M15x1.5	89	35	50	M6x10	F05
1.1/2"x 1.1/2"	40 x 40	140	38	112	475	218	53	14	14	15	30	M15x1.5	89	35	50	M6x10	F05

Dimensions and weights are subject to change without notice.

Face to face dimensions not listed in industry standards are subject to change without notice.

PRESSURE/TEMPERATURE LIMITATIONS OF SEAT SEAL



DIFFERENT CONFIGURATION FOR SUPER STAR

