

GENERAL FEATURE

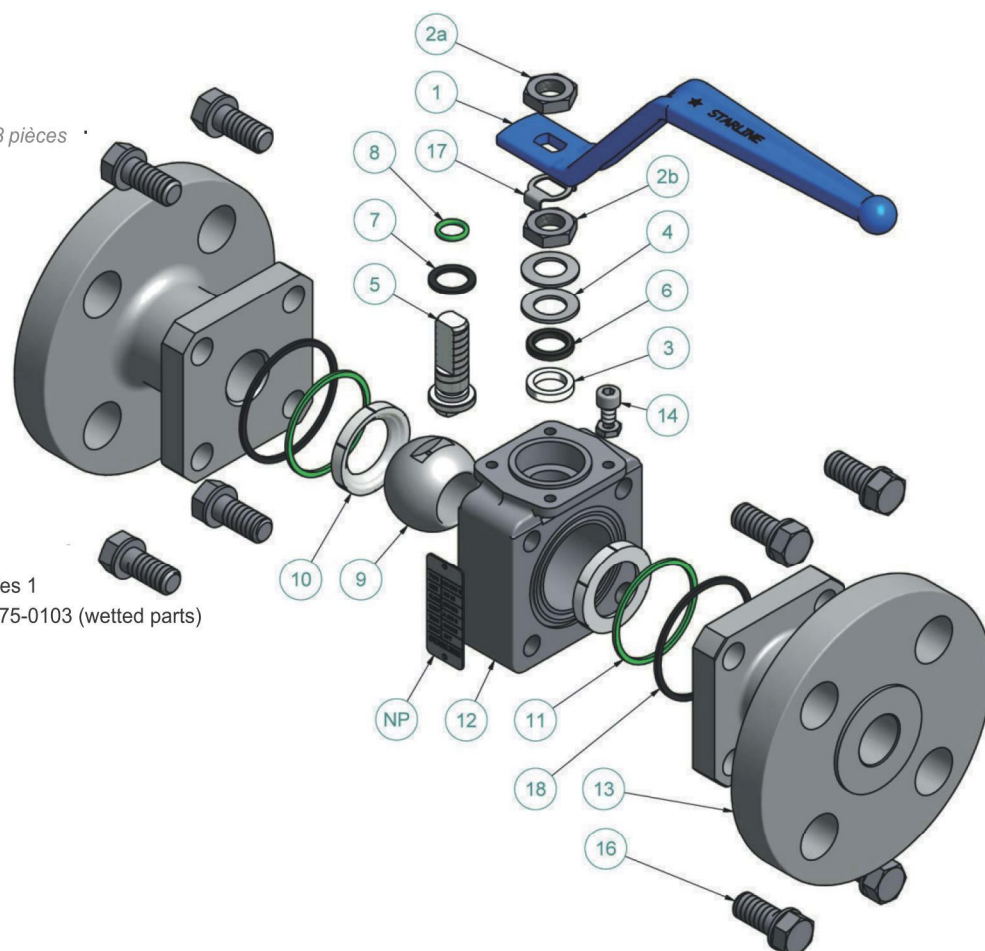
Floating ball / Boisseau flottant
 3 pieces Construction / Construction 3 pièces
 Reduced bore / Passage réduit
 Soft seat / Siège souple
 Bidirectional
 TA-LUFT
 Anti Blow out proof stem
 Autoadjustable packin
 Anti static device
 Self-cavity relief

STANDARDS

Marking : MSS SP25
 Top flange : ISO 5211
 Testing : API 598, Rate A
 Design : selon B16-34
 FLANGED Connections : EN 558 series 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 235 SGSG-PN40	STAINLESS STEEL MATERIAL 236 SGSG-PN40
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	Ecrou levier	AISI 316	AISI 316
2b					
3	1	Packing ring	Garniture	Graphite	Graphite
4	2	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	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	"RPTFE"	"RPTFE"
11	2	1° Body seals	1° Joint de corps	"RPTFE"	"RPTFE"
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	8	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

Note 1: Qty 2 for DN 25 - 1"

MASTER STAR N°3

FLOATING BALL VALVE

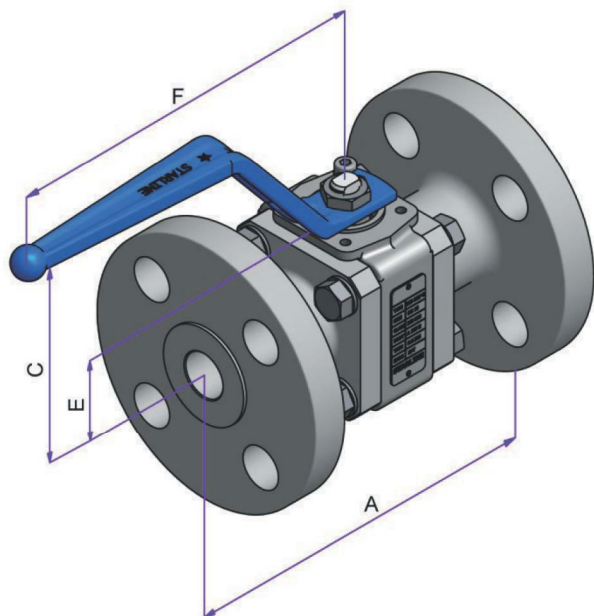
CLASS PN40 - DN15÷50 RB - 1/2"÷2" RB EN558 SERIES 1

Fig: 235SGS /236SGS

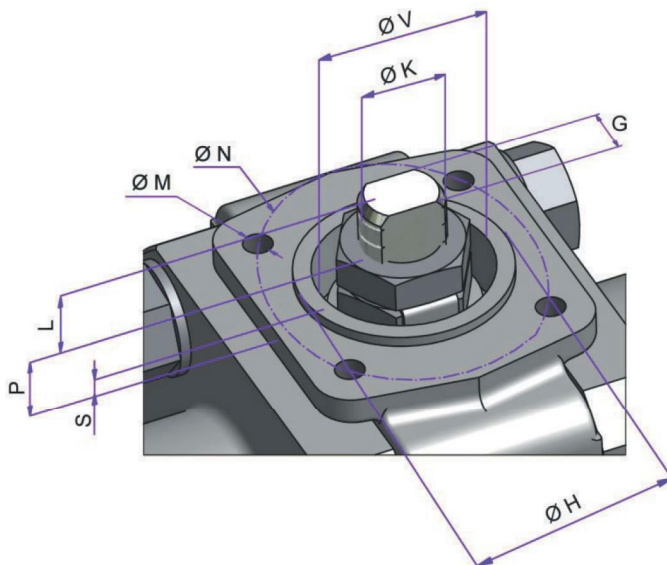
RACCORDEMENT A **BRIDES**

FLANGED ENDS

RF



TOP VIEW

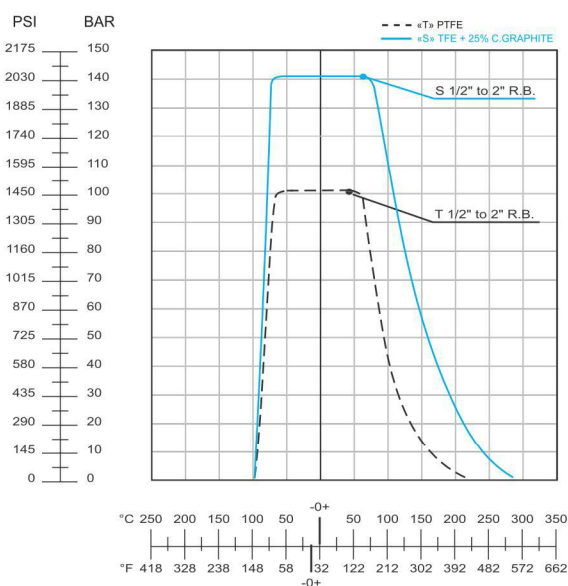


REDUCED BORE								TOP MOUNTING											
VALVE SIZE		DIMENSIONS [mm]						DIMENSIONS [mm]											
NPS	DN	A	BORE	C	E	F	PN 40	L	P	S	V	K	G	H	N	M	ISO 5211	TORQUE [N.m]	MAST [N.m]
1/2" x 3/8"	15 x 10	130	11.1	79	30.5	144	2.6	3.6	5.4	1.5	21	M10x1	5.5	25	36	M5x8	F03	9	65
3/4" x 1/2"	20 x 15	150	14.2	81	32.5	144	3.5	3.6	5.9	1.5	21	M10x1	5.5	25	36	M5x8	F03	12	65
1" x 3/4"	25 x 20	160	20.5	98	39	172.5	4.8	9	5	1.5	25	M12x1.25	7.5	30	42	M5x8	F04	17	100
1.1/4" x 1"	32 x 25	180	25.4	100	38	172.5	7.1	10	10	1.5	25	M12x1.25	7.5	30	42	M5x8	F04	22	100
1.1/2" x 1.1/4"	40 x 32	200	31.7	110	43.5	218	8.5	13	14	1.5	30	M15x1.5	8.9	35	50	M6x10	F05	27	180
2" x 1.1/2"	50 x 40	230	38	112	47.5	218	12	14	14	1.5	30	M15x1.5	8.9	35	50	M6x10	F05	30	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)

