

GENERAL FEATURE

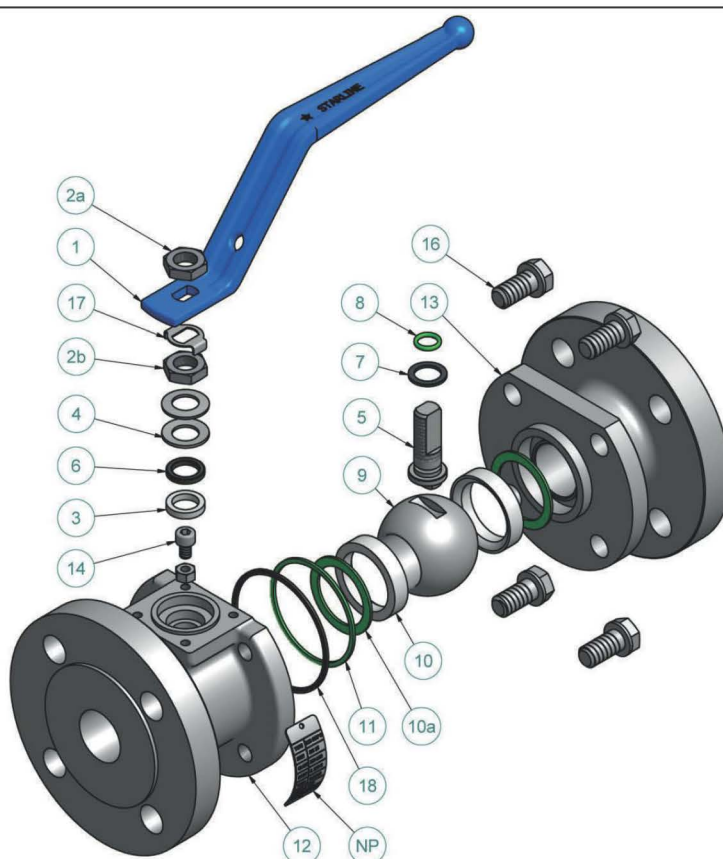
Floating ball / Boisseau flottant
 2 pieces Construction / Construction 2 pièces
 Full bore / Passage intégral
 Soft seat / Siège souple
 Bidirectional
 TA-LUFT
 Anti Blow out proof stem.
 Autoadjustable packing.
 Anti static device.
 Self-cavity relief

STANDARDS

Marking : MSS SP25
 Top flange : ISO 5211
 Testing : API 598,
 Design : selon B16-34
 FLANGED Connections : ASME B16.5, B16.10
 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 175 SGSG-PN40	STAINLESS STEEL MATERIAL 176 SGSG-PN40
NP	1	Name plate	Plaque d'indentification	AISI 316	AISI 316
1	1	Handle	Levier	Carbon steel + Epoxy coated ^{Note1}	Carbon steel + Epoxy coated ^{Note1}
2a	2	Handle nut	Erou levier	AISI 316	AISI 316
2b					
3	1 ^{Note2}	Packing ring	Garniture	Graphite	Graphite
4	2 ^{Note3}	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 ^{Note4}	Gland packing	Fouloir	AISI 316	AISI 316
7	1	Thrust washer	Rondelle butée	PTFE	PTFE
8	1 ^{Note2}	"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"
10a	2	Seats gasket	Joint de sièges	Viton	Viton
11	1	1° Body seals	1° Joint de corps	"RPTFE"	"RPTFE"
12	1	Body	Corps	LF2	AISI 316/316L Dual Certified
13	1	End connections	Embout	LF2	AISI 316/316L Dual Certified
14	1	Stop-pin	Butée	AISI 316	AISI 316
16	4 ^{Note5}	Bolts	Vis	L7 + Zinc Plated	B8
17	1 ^{Note6}	Stop washer	Rondelle frein	AISI 316	AISI 316
18	1	2° Body seals	2° Joint de corps	Graphite	Graphite

Note 1: Carbon Steel + Plastic from DN 65 - 2.1/2" to DN 150 - 6"

Note 2: Qty 2 for DN 80 - 3"

Note 3: Qty 0 for DN 80 - 3" and over

Note 4: Qty 2 for DN 80 - 3" and DN 150 - 6"

Note 5: Qty 6 from DN 50 - 2" to DN 65 - 2.1/2", Qty 8 for DN 80 - 3"

Qty 8 for DN 100 - 4", Qty 12 for DN 150 - 6"

Note 6: Qty 0 for DN 65 - 2.1/2" and over

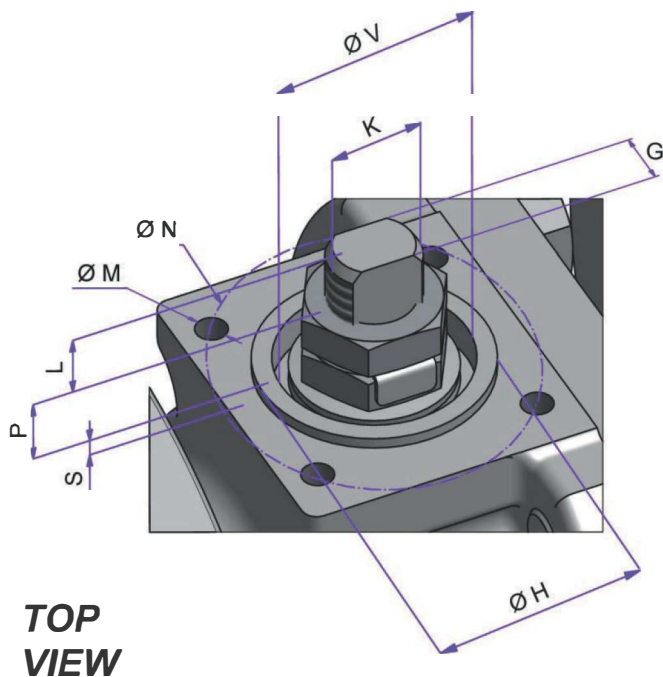
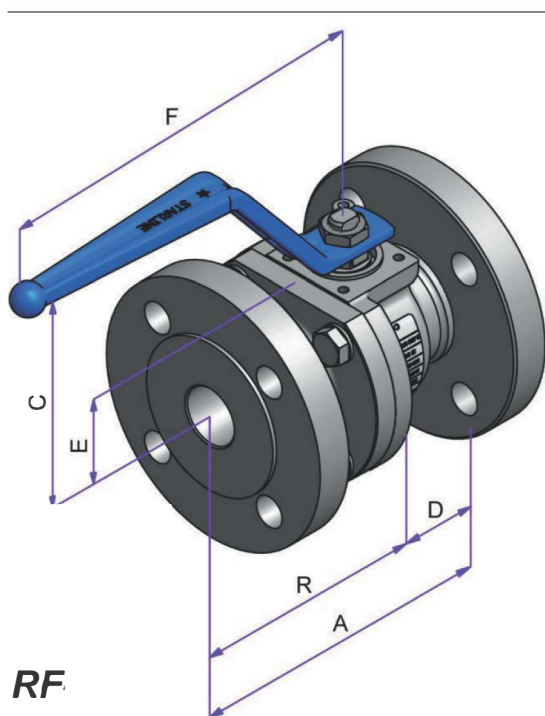
SPLIT STAR N°7 FLOATING BALL VALVE

CLASS 300-DN15-80 FB - 1/2" + 3" FB

Fig: 175 SGS /176SGS

RACCORDEMENT A BRIDES

FLANGED ENDS



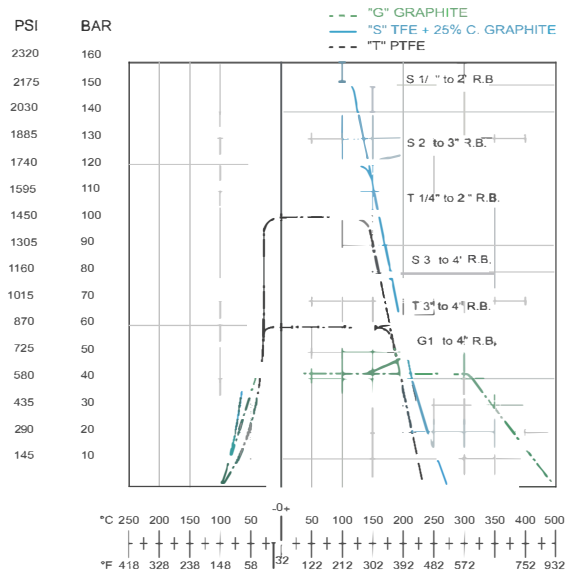
TOP
VIEW

FULL BORE										TOP MOUNTING											
VALVE SIZE		DIMENSION [mm]							WEIGHT [kg]	DIMENSIONS [mm]								ISO 5211	TORQUE [N.m]	MAST [N.m]	
NPS	DN	A	R	D	BORE	C	E	F	PN40	L	P	S	V	K	G	N	M				
1/2" x 1/2"	15 x 15	140	91	49	14.2	79	27	144	2.5	5.5	4.5	1.5	21	M10x1	5.5	36	M5x8	F03		65	
3/4" x 3/4"	20 x 20	152	100	52	20.5	101	33.5	172.5	4	7	11	1.5	25	M12x1.25	7.5	42	M5x8	F04	18	100	
1" x 1"	25 x 25	165	111	54	25.4	105	38	172.5	5.8	7	11	1.5	25	M12x1.25	7.5	42	M5x8	F04	23	100	
1.1/4" x 1.1/4"	32 x 32	178	115	63	31.7	112	43.5	218	8.1	13	12.5	1.5	30	M15x1.5	8.9	50	M6x10	F05	28	180	
1.1/2" x 1.1/2"	40 x 40	191	119	72	38	116	47.5	218	9.6	13	12.5	1.5	30	M15x1.5	8.9	50	M6x10	F05	31	180	
2" x 2"	50 x 50	216	125	91	49	124	58.5	218	11.9	12.5	9.5	1.5	30	M15x1.5	8.9	50	M6x10	F05	72	180	
2.1/2" x 2.1/2"	65 x 65	241	154	87	62	140	70	420	20.9	17	12	1.5	48	M22x1.5	16	70	M8x12	F07	86	386	
3" x 3"	80 x 80	283	165	118	76	150	87.5	420	26.5	14	21.5	1.5	48	M24x2	18	70	M8x12	F07	107	501	

- 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)

