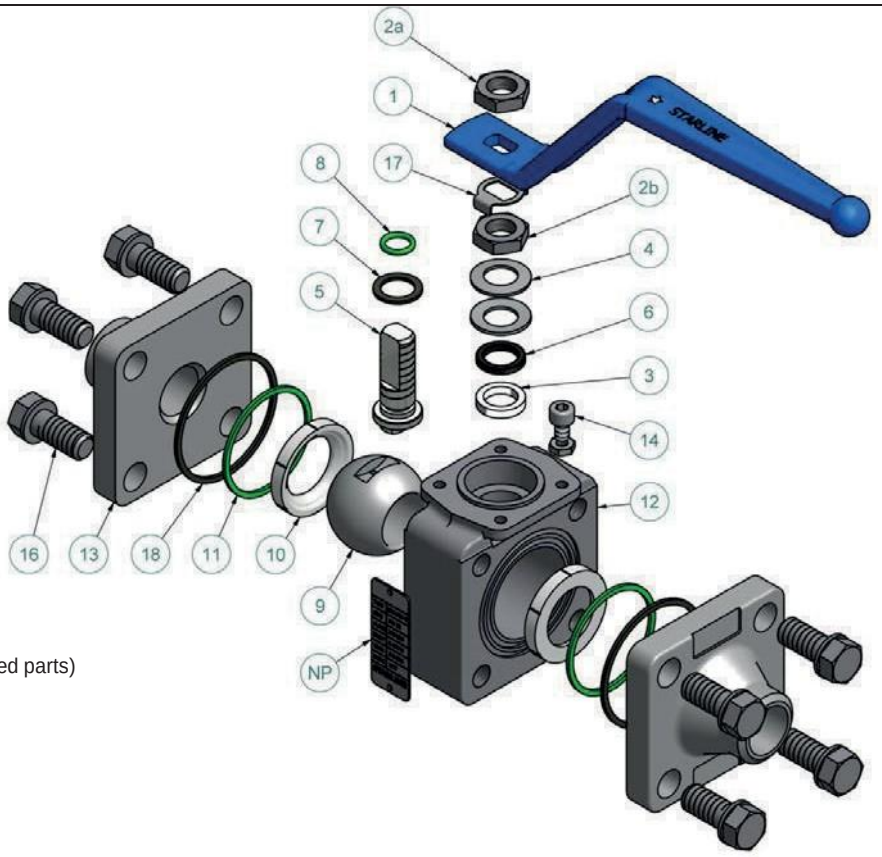
REF.166 -167
DN8 à 40

ROBINET A TOURNANT SPHÉRIQUE ACIER / INOX A SOUDER BW / SW

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.
Autoajustable packing.
Anti static device.



STANDARDS

Marking : MSS SP25
Top Flange ISO 5211
Testing : API 598, Rate A
Design : selon B16-34
SW Connections : ASME B16.11
BW Connections : ASME B16.5 (ou B16.25)
MATERIAL = ASTM and NACE MR0175-0103 (wetted parts)

OFFICIAL APPROVALS

FIRE SAFE
ISO 15848 RATE B
ATEX II M2 / II 2 GD
PED Module H
SIL 3
EN 161/EN 264

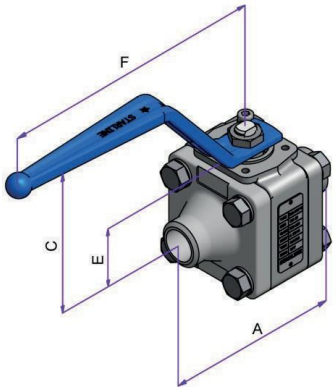
ITEM NO	QTY	PART NAME	NOMENCLATURE	ACIER REF.166	inox REF.167
NP	1	Name plate	Plaque d'indentification	AISI 316	AISI 316
1	1	Handle	Levier	Carbon steel + Epoxy coated	Carbon steel + Epoxy coated
2a	2	Handle nut	Ecrou levier	AISI 316	AISI 316
2b					
3	**1**	**Packing ring**	**Garniture**	**Graphite**	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 Note1	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

Informations données à titre indicatif et sous réserve de modifications éventuelles

REF.166 -167
DN8 à 40

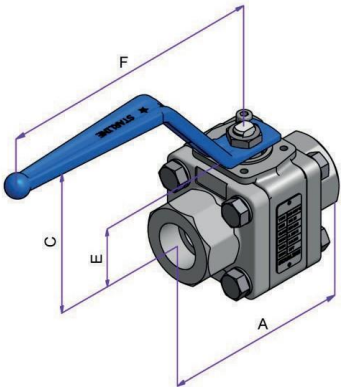
ROBINET A TOURNANT SPHÉRIQUE ACIER / INOX A SOUDER BW / SW

BW : 1666 / 1676

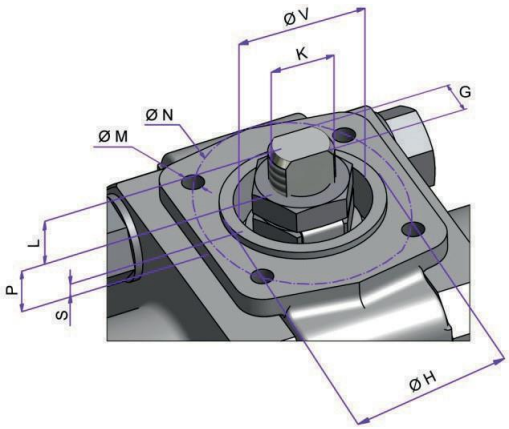


BW

SW : 1667 / 1677



SW



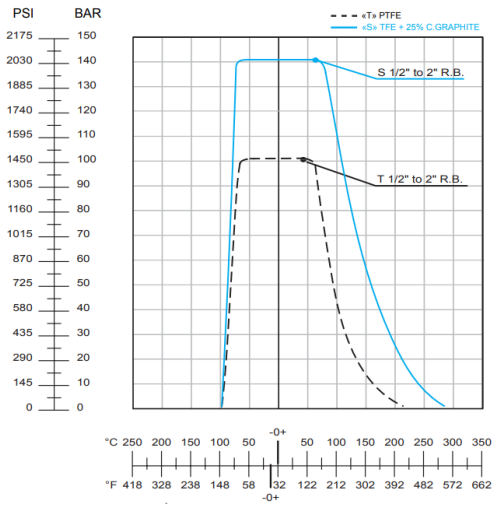
TOP VIEW

FULL BORE								TOP MOUNTING											
VALVE SIZE		DIMENSION [mm]					WEIGHT [kg]	DIMENSIONS [mm]										TORQUE	MAST
NPS	DN	A	BORE	C	E	F	BW-SW	L	P	S	V	K	G	H	N	M	ISO 5211	[N.m]	[N.m]
1/4" x 1/4"	08 x 08	75	11.1	79	30.5	144	1	3.6	5.4	1.5	21	M10x1	5.5	25	36	M5x8	F03	10	65
3/8" x 3/8"	10 x 10	75	11.1	79	30,5	144	1	3.6	5.4	1.5	21	M10x1	5.5	25	36	M5x8	F03	10	65
1/2" x 1/2"	15 x 15	80	14.2	81	32,5	144	1.2	3.6	5.9	1.5	21	M10x1	5.5	25	36	M5x8	F03	14	65
3/4" x 3/4"	20 x 20	100	20.5	98	39	172.5	2.3	9	5	1.5	25	M12x1.25	7.5	30	42	M5x8	F04	23	100
1" x 1"	25 x 25	110	25.4	100	38	172.5	3.2	10	10	1.5	25	M12x1.25	7.5	30	42	M5x8	F04	27	100
1.1/4" x 1.1/4"	32 x 32	120	31.7	110	43.5	218	4.5	13	14	1.5	30	M15x1.5	8.9	35	50	M6x10	F05	32	180
1.1/2" x 1.1/2"	40 x 40	140	38	112	47.5	218	5.3	14	14	1.5	30	M15x1.5	8.9	35	50	M6x10	F05	37	180

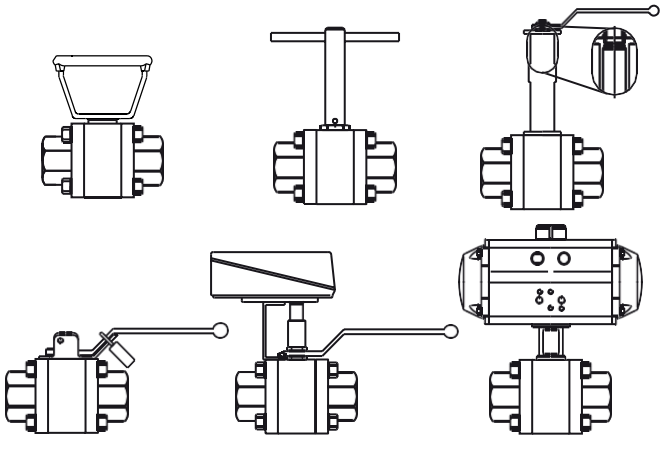
-Net torque mesured with clean water at ambiant temperature

- Mast for AISI 316 material

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



DIFFERENT CONFIGURATIONS
(others on request)



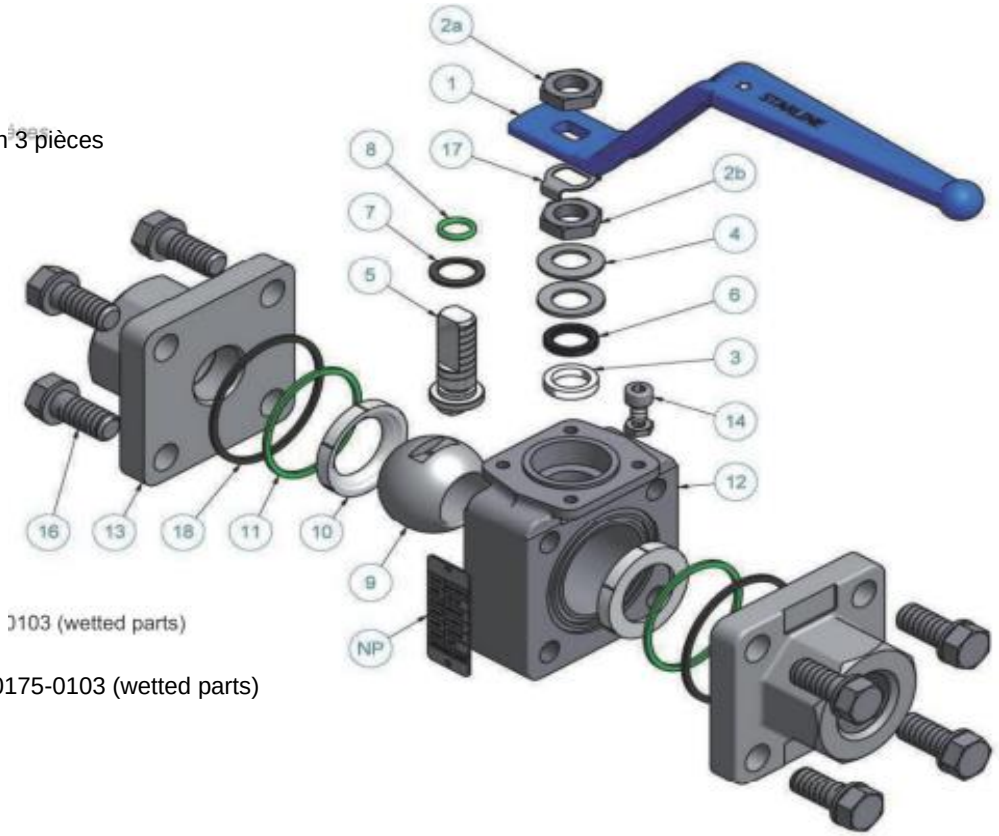
Informations données à titre indicatif et sous réserve de modifications éventuelles

REF.166 / 167

ROBINET A TOURNANT SPHÉRIQUE ACIER / INOX A VISSER F-F NPT / BSP

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
SIL3
EN 161/EN 264

ITEM NO	QTY	PART NAME	NOMENCLATURE	ACIER REF.166	INOX REF.167
NP	1	Name plate	Plaque d'indentification	AISI 316	AISI 316
1	1	Handle	Levier	Carbon steel + Epoxy coated	Carbon steel + Epoxy coated
2a 2b	2	Handle nut	Ecrou levier	AISI 316	AISI 316
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 Note'	Gland packing	Fouloir	AISI 316	AISI 316
7	1	I Thrust	Rondelle butée	PTFE	PTFE
8	1	"0" 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
'	2	2° Body seals	2° Joint de corps	Graphite	Graphite

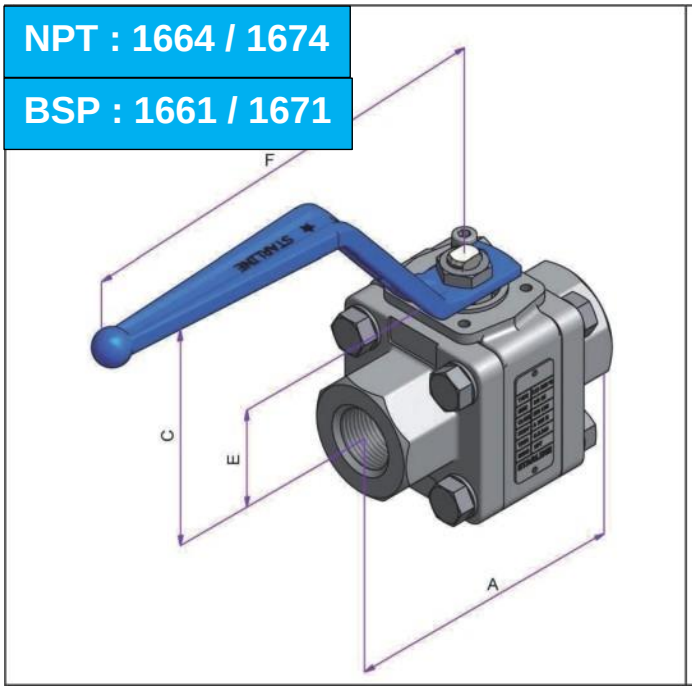
Informations données à titre indicatif et sous réserve de modifications éventuelles

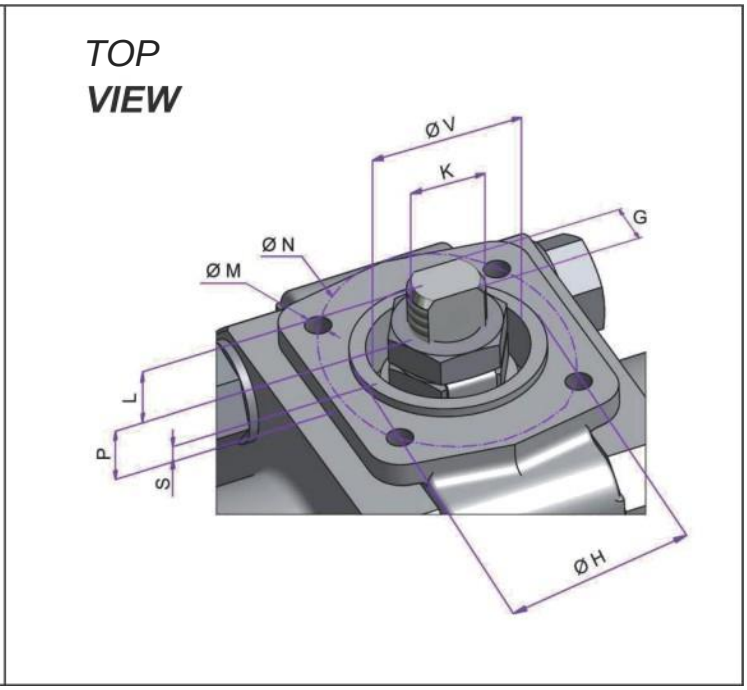
REF.166 / 167

ROBINET A TOURNANT SPHÉRIQUE ACIER / INOX A VISSER F-F NPT / BSP

NPT : 1664 / 1674

BSP : 1661 / 1671

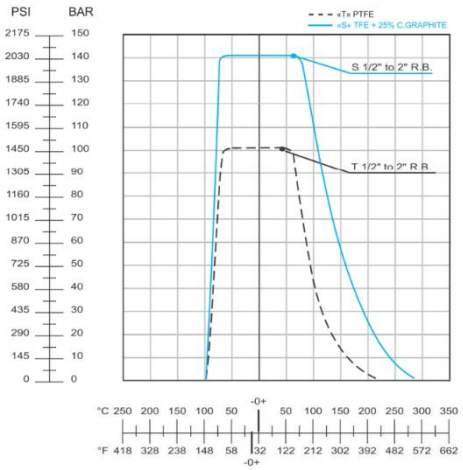




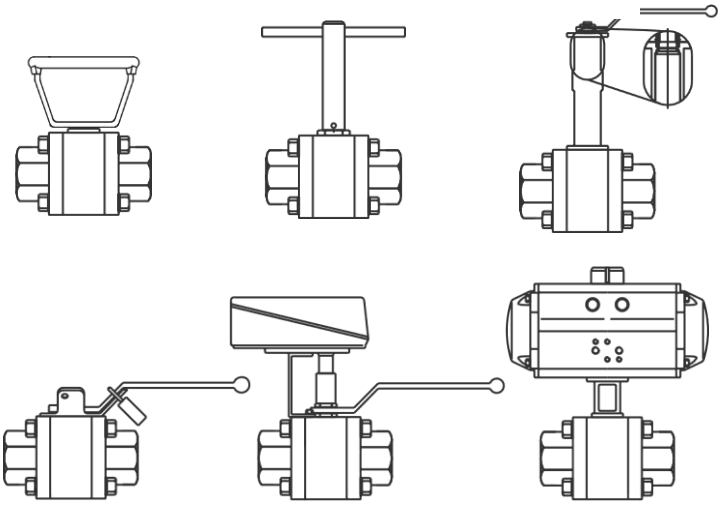
FULL BORE								TOP MOUNTING											
VALVE S/ZE		DIMENSIONS (mm)					WEIGHT(kg)	DIMENSIONS (mm)									ISO 5211	TORQUE [N.•l	MAST [N.m]
NPS	DN	A	BORE	C	E		NPT-BSPP-BSPT		P	S	V	K	G	H	N	M			
1/4"x1/4"	08x08	75	11.1	79	30.5	144	1	3.6	5.4	1.5	21	M10x1	5.5	25	36	M5x8	F03	10	65
3/8"x3/8"	10x10	78	11.1	79	30,5	144	1	3.6	5.4	1.5	21	M10x1	5.5	25	36	M5x8	F03	10	65
1/2"x1/2"	15x15	80	14.2	81	32,5	144	1.2	3.6	5.9	1.5	21	M10x1	5.5	25	36	M5x8	F03	14	65
3/4"x3/4"	20x20	100	20.5	98	39	172.5	2.3	9	5	1.5	25	M12x1.25	7.5	30	42	M5x8	F04	23	100
1"x1"	25x25	110	25.4	100	38	172.5	3.2	10	10	1.5	25	M12x1.25	7.5	30	42	M5x8	F04	27	100
1.1/4"x1.1/4'	32x32	120	31.7	110	43.5	218	4.5	13	14	1.5	30	M15x1.5	8.9	35	50	M6x10	F05	32	180
1.1/2"x1.1/2'	40x40	140	38	112	47.5	218	5.3	14	14	1.5	30	M15x1.5	8.9	35	50	M6x10	F05	37	180

- Net torque mesured with clean water at ambiant temperature *- /\Yasf for AISI 316 material*

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



DIFFERENT CONFIGURATIONS (other on request)



Informations données à titre indicatif et sous réserve de modifications éventuelles