

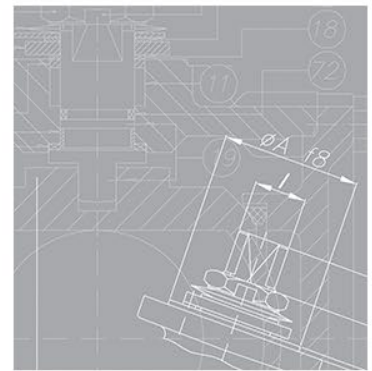
Technical Datasheet

ANSI Ball Valves

660

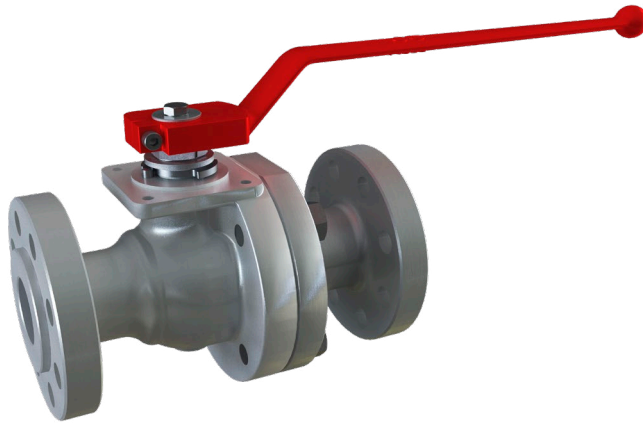
JC
VALVES

The quality option



sales@jc-valves.com

www.jc-valves.com



FUGITIVE
EMISSIONS
EN-ISO 15848-1
TALUFT / VDI 2440



- Valve design: Full Bore API 6D / API 608 / EN ISO 17292
- Body design: ASME VIII Div.1
- Shell thickness: ASME B16.34
- Flanges: ASME B16.5 Raised Face
- Face to face dimensions: ASME B16.10 Long Pattern
- Marking: CE - PED / MSS SP-25 / API 6D
- Pressure testing: API 598 - API 6D
- Shell finishing quality: MSS SP-55
- NACE MR0175 / ISO 15156 - NACE MR0103 / ISO 17945
- ISO 5211

Certifications

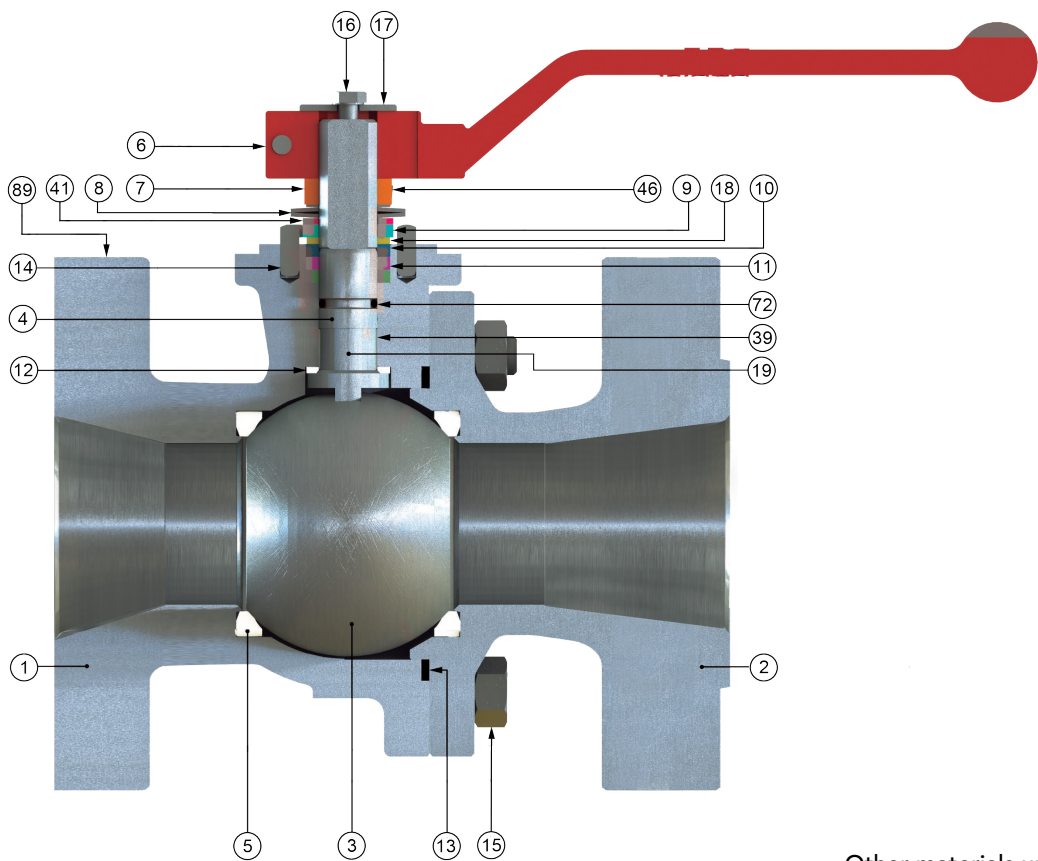
Company Certifications

- ISO9001 Quality Management System
- ISO14001 Environmental Management System
- API Monogram License 6D-0197, 600-0016

- Fire Safe API 607, ISO 10497, API 6FA
- PED 2014/68/EU - CE marking
- ATEX 2014/34/EU– (II2GD)
- Russian Federation Certificate TRCU 10, TRCU 12, TRCU 32
- Food processing and pharmaceutical industry FDA, USP CLASS VI COMPLIANCE (CE 1935/2004) - *Optional*
- Safety Integrity Level (SIL) LEVEL 3 IEC 61508
- CRN (Canadian Registration Number)
- Fugitive Emissions TA-Luft / ISO 15848-1
- Fugitive Emissions API 641

ANSI Ball Valves

Floating



Other materials upon request

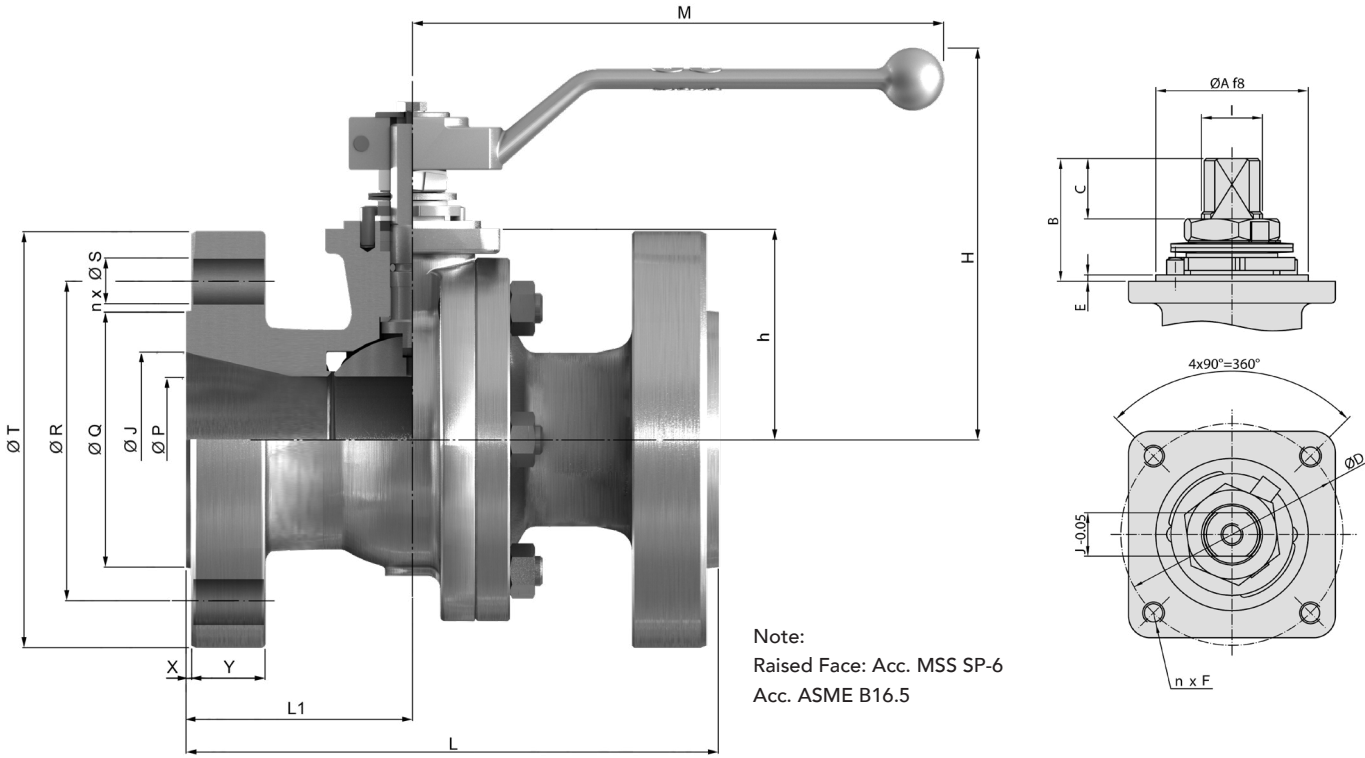
Item	Description	Material		
		A.I.N.	I.I.N.	L.I.N.
1 / 2	Body / Body Connector	ASTM A216 Gr. WCB (C ≤ 0,25%)	ASTM A351 Gr. CF8M	ASTM A352 LCC
3	Ball	ASTM A 351 Gr. CF8M (DN 15 to 50 A182 Gr. F316)		
4	Stem	ASTM A182 F51		
5	Seat ring	NYLON		
6	Wrench	ASTM A216 Gr. WCB		
7	Gland nut	ASTM A216 Tp.316		
8	Disk spring	ASTM A666 Tp.301		
9	Stop plate	ASTM A240 UNS S31803 (F51)		
10	Gland	ASTM A479 Tp.316		
11	Gland packing	Graphite		
12	Stem thrust seal	25% G.F. PTFE		
13	Body connector seal	SPW ASTM A276 Tp.316L + PTFE + Graphite		
14	Stop pin	A4-70		
15	Bolt	ASTM A193 Gr. B7M Zinc Bichromated	ASTM A193 Gr. B8M	ASTM A320 Gr. L7M Zinc Bichromated
16	Bolt	DIN 933 A4-70		
17	Washer	ASTM A276 Tp.316		
18	Thrust washer	25% G.F. PTFE		
19	Antistatic device	Stainless St.		
39	Stem bushing	25% G.F. PTFE		
41	Spacer	ASTM A276 Tp.316		
46	Washer	ASTM A276 Tp.316		
72	O-Ring	FKM		
89	Identification Plate	ASTM A276 Tp.316		

Fig. 660

Dimensions

ANSI Ball Valves

Floating



Series 660 (Class 600)

* Weight in Kg													* Dimensions in mm		
DN	ØJ	ØP	L	L1	ØQ	ØR	n x ØS	ØT	X	Y	h	H	M	WEIGHT	Kv
50 (2")	50	40	292	120	91,9	127	8x19,1	165	6,4	25,4	65,5	137	348	17	140
80 (3")	80	58	356	151	127	168,1	8x22,2	210	6,4	31,8	91,5	187	445	30	300
100 (4")	100	80	432	190	157,2	215,9	8x25,4	273	6,4	38,1	122	231	698	64	600

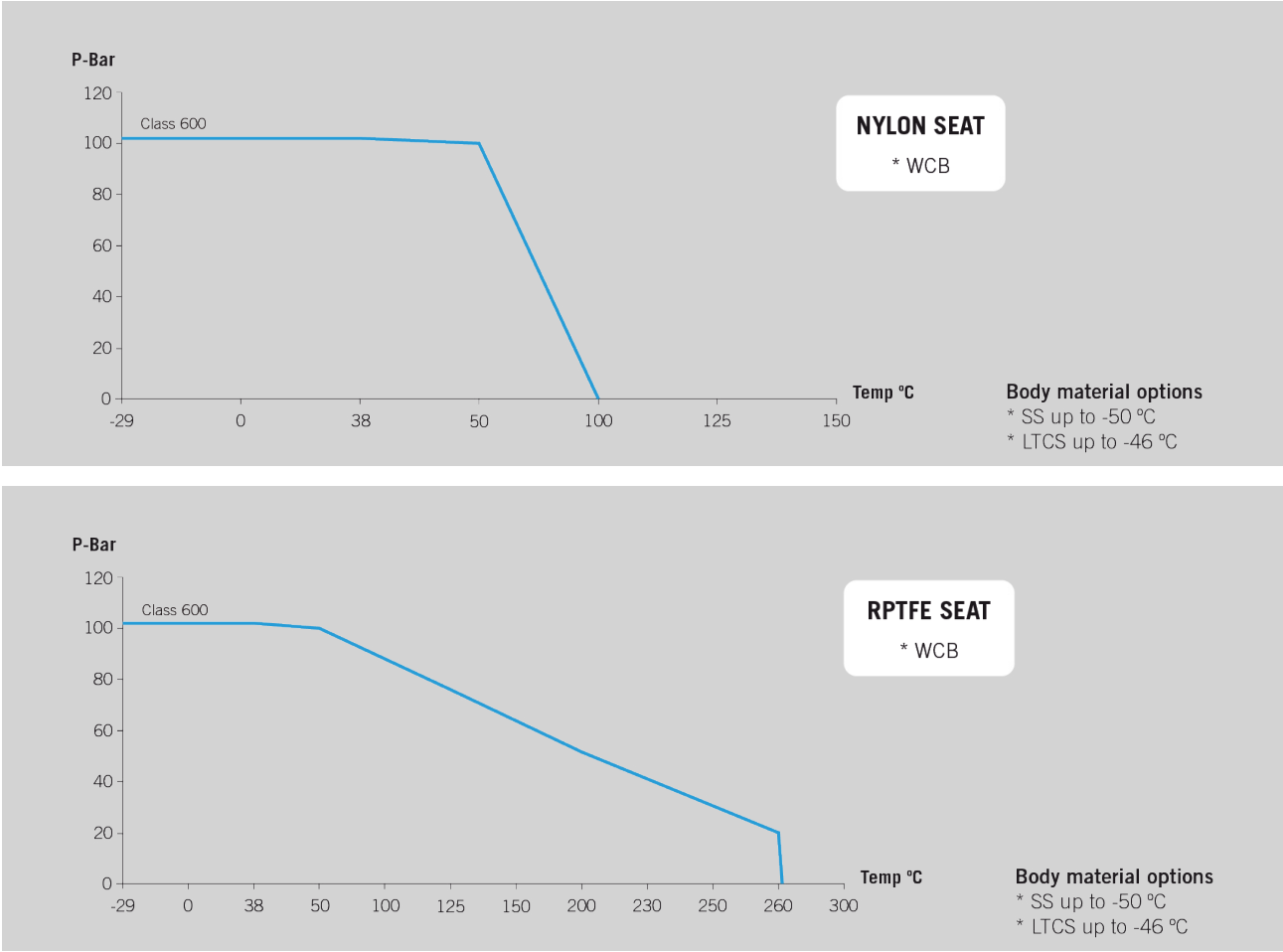
Actuator Connection

DN	ISO 5211	ØA	B	C	ØD	n x F	E	I	J
50 (2")	F07	55	43	17,6	70	4x M8	3	M22x1.5	16
80 (3")	F10	70	44	18,1	102	4x M10	3	M25x1.5	18
100 (4")	F12	85	55,5	24,3	125	4x M12	3	M35x2	25

Differential Pressure 600 Lbs

DN	BTO	RTO	ETO	BTC	RTC	ETC	MAST
50	88	44	53	66	44	70	386
65	-	-	-	-	-	-	-
80	165	83	99	124	83	132	539
100	310	155	186	233	155	248	1329

Pressure – Temperature Charts





Simple Stem Extension



Standard Stem Extension



Double Packing Stem Extension



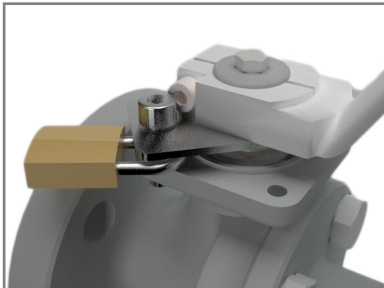
Other Seat materials



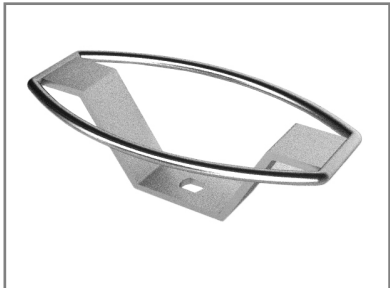
Cavity Filler Seat



Stainless Steel Lever



Locking Device



Oval Handwheel
Available from 1/2" to 2"



Manual and Declutchable
Gears



Pneumatic or Hydraulic
Scotch Yoke Actuators



Valve Automation option
available on Request