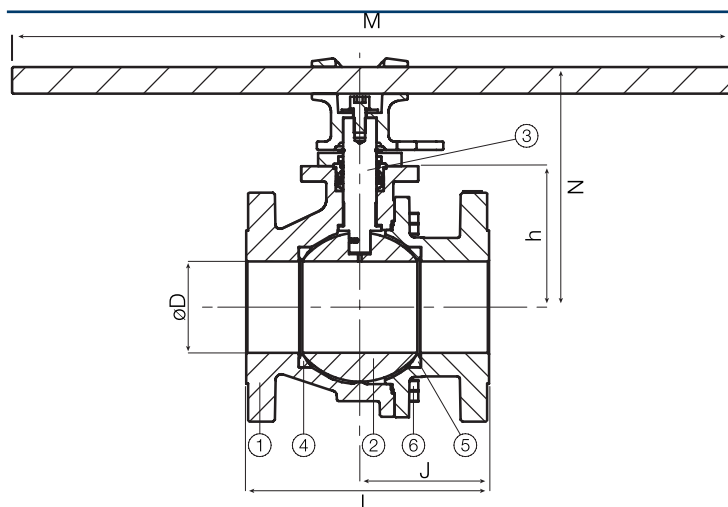


BALL VALVES

FB-FBL

With flanges, full bore



PARTS

No.	Part	Material	
		Acid resistant	Steel
1	Body	1.4408	1.0619
2	Ball	1.4408	1.4308
3	Stem	SS316	SS304
4	Seal	PTFE	
5	Body seal	PTFE-Graphite	
6	Bolt	A4-70	Teras 8.8

* <DN 80 EN10213-4 1.4408

** <DN80 ASTM A-479 316

DIMENSIONS AND WEIGHTS

DN	D	J	L		h	M	N	KG		ISO 5211
			FB	FBL				PN 40	FBL PN40	
15	14	55	115	130	44	150	90	2,8	3,5	F05
20	19	53	120	150	52	200	98	3,6	4,2	F05
25	24	55	125	160	58	200	106	4,9	5,2	F05
32	30	56	130	180	66.5	200	115	7,1	7,6	F05
40	38	60.5	140	200	72	240	124	8,3	8,9	F05

*please specify in the order if its for the FBL mode

STANDARDS

	DIN	ANSI
Construction	DIN 3357	ISO 17292
Flanges	EN 1092 part 1	ASME B16.5 RF
Construction length	EN558-1 serie 27	ASME B16.10 long pattern
Mounting flange	ISO 5211	
Testing	ISO 5208	EN 12266-1
Fire-Safe tested	ISO 10497	API 607 4ed.

OPTIONS

Metal seals
Graphite seals

CERTIFICATES

Fire safe
Type certificates

Bureau Veritas
Det Norske Veritas
Germanischer Lloyd
Bureau Veritas
EAC TR CU 032
Shell Global Solutions
ABS
Russian Maritime Register of Shipping
TA-Luft (TÜV-Südwest)
ISO 15848-1 class BH (Bureau Veritas)
Exida Certification-SIL3

Clean air
SIL certification

PRESSURE AND TEMPERATURE

