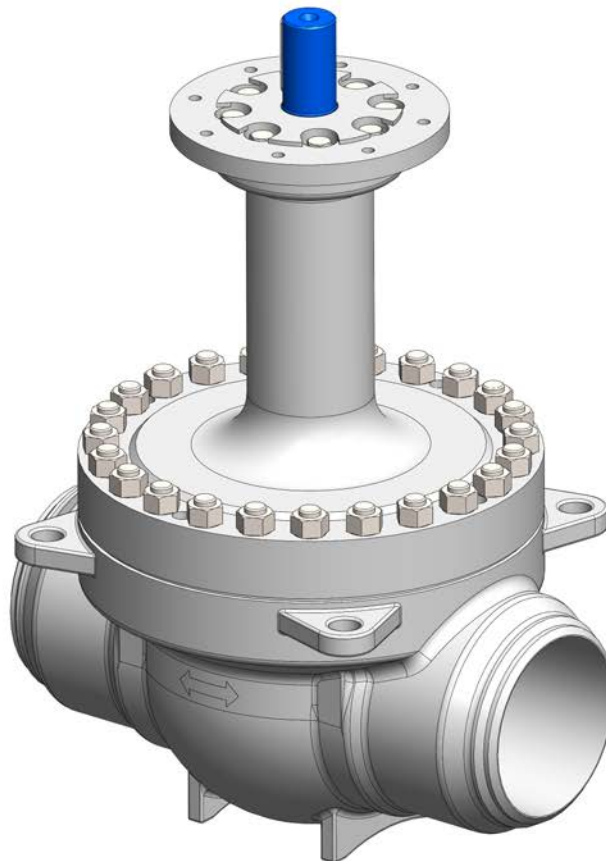


Cryogenic Top-Entry Two-Way Ball Valve Fully Bidirectional Series 64-K DN 0,5" to 16"



Description:

This PERRIN ball valve is a trunnion mounted ball design with a two piece split body housing. The seat system is spring loaded, cavity relief and fully bi-directional suitable up to full Δp . The valve is designed acc. low temperature standards BS 6364, EN 1626, ISO 28921 and OCIMF. The stem sealing is spring loaded.

The actuator mounting flange corresponds to the NAMUR recommendations with dimensions according DIN/EN/ISO 5211.

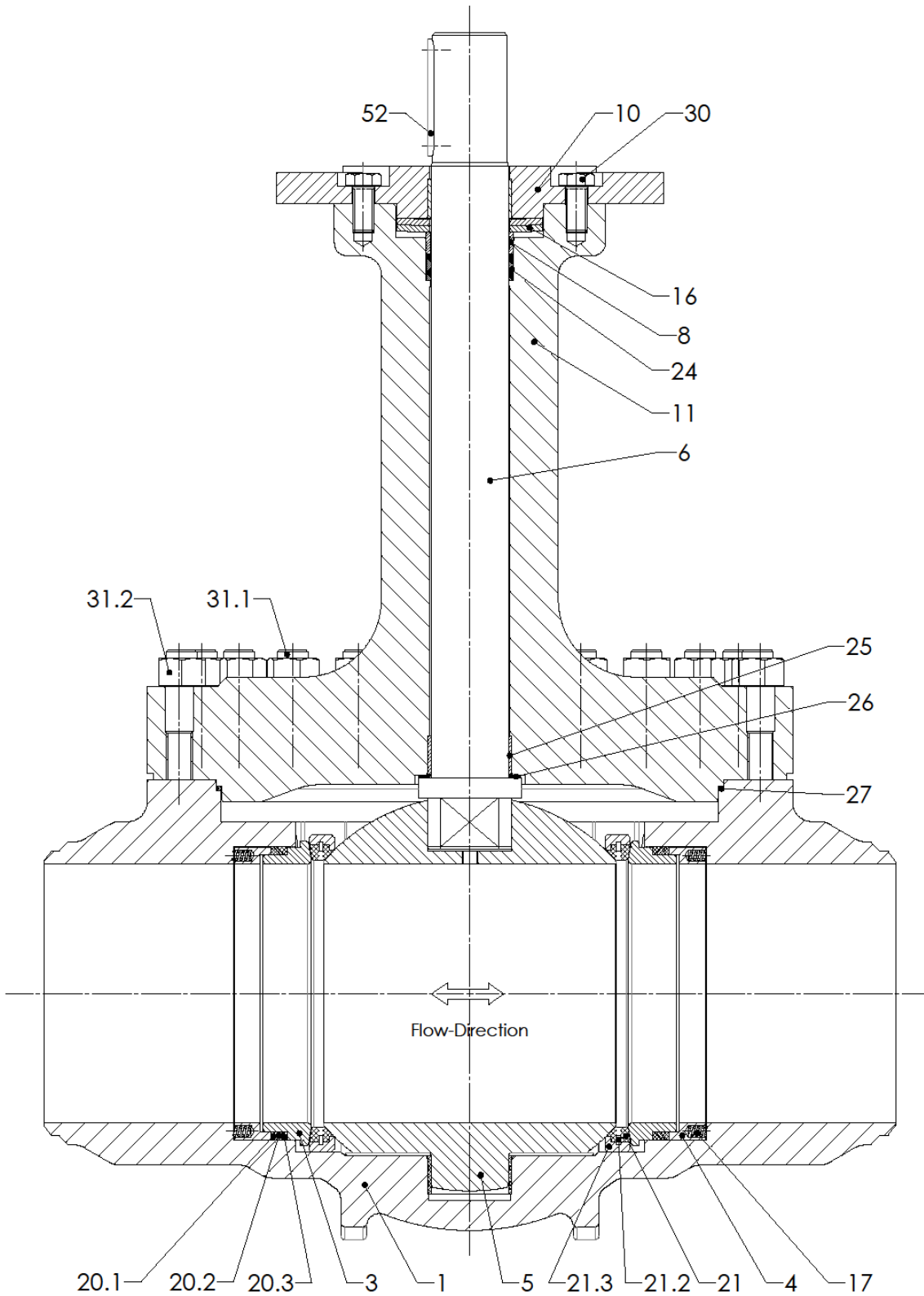
Locking devices and actuators with accessories can be mounted at any time.

The ball valve incorporates an anti-static design, with anti-blowout stem, fugitive emission tested acc. ISO 15848-1 and fire-safe tested according ISO 10497 and API 607.

Range of application:

DN 0,5" to 16"	PN ANSI Cl. 150/1500	Temperature -196°C to 100°C -320°F to 212°F
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1.0 Main parts



Technical modifications are reserved.

1.1 Materials

item	designation	materials acc. EN / ASTM	
		-196°C to 100°C -320°F to 212°F	-196°C to 100°C -320°F to 212°F
1	body	1.4408 / 1.4409	A351 CF8M / A351 CF3M
3	dome ring	1.4401/04	A182 F316/F316L
4	retainer ring	1.4401/04	A182 F316/F316L
5	ball	1.4408 / 1.4409	A351 CF8M / A351 CF3M
6	stem	1.4980	UNS S66286
8	gland washer	1.4401/04	A182 F316/F316L
10	bearing cover	1.4401/04	A182 F316/F316L
11	extension	1.4408 / 1.4409	A351 CF8M / A351 CF3M
16	plate spring	1.4310	A182 F301
17	coil spring	1.4571	A182 F316
20.1	sealing ring	Graphite	Graphite
20.2	support ring	1.4401/04	A182 F316/F316L
20.3	sealing ring	Graphite	Graphite
21	seat ring	PCTFE	PCTFE
21.2	snap ring	1.4310	A182 F301
21.3	distance ring	1.4401/04	A182 F316/F316L
24	stem packing	Graphite	Graphite
25	cyl. bush	PTFE with 1.4301	PTFE with A182 F304
26	disk	PTFE with 1.4301	PTFE with A182 F304
27	body gasket	Graphite	Graphite
30	hexagon screw	A193 B8M Cl. 2	A193 B8M Cl. 2
30.1	stud	A193 B8M Cl. 2	A193 B8M Cl. 2
30.2	hexagon nut	A193 B8M Cl. 2	A193 B8M Cl. 2
52	featherkey	C45	C45

All EN materials are equivalent to the above mentioned ASTM materials.

2.0 Technical data

2.1 Dimensional Drawing and Topwork

