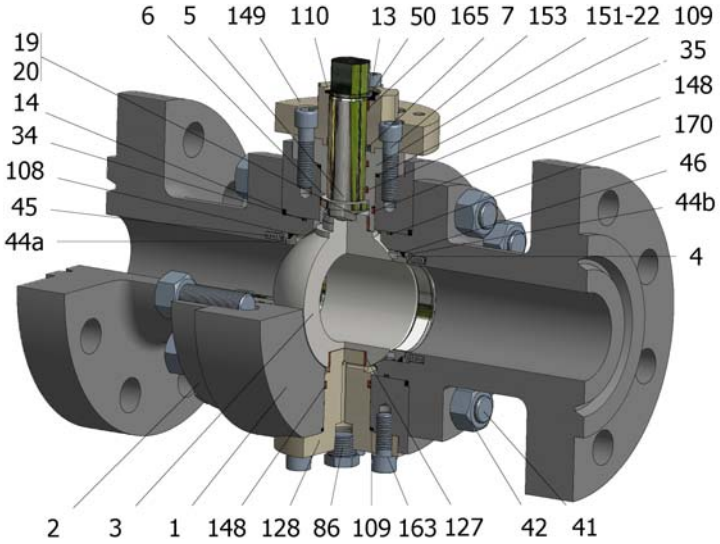
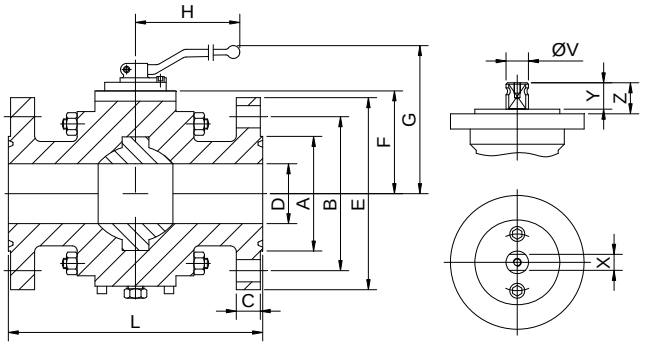
FIG.GKS 259 NGGVV CL2500 2" RTJ





Position	Description	Material
01	Body 1	C.S. A350 LF2
02	Body 2	C.S. A350 LF2
03	Ball	A182 F51
04	Seat	DEVLON V
05	Stem	A182 F51
06	Stem seal	PEEK
07	Stem packing 1	Graphite
13	Cover bolt	S.S. (316)
14	Body seal 1	Graphite
16	Handle	WCB
17	Handle bolt	1.045(8.8)
19	Spring	Inconel X750
20	Antistatic ball	Inconel 625
22	Stop pin	S.S. AISI 316
34	Body seal 2	FKM
35	O ring stem	FKM
41	Stud	A320 L7M
42	Nut	A194 7M
44a	Ring seat 1	A182 F51
44b	Ring seat 2	A182 F51
45	Spring seat	Inconel X750
46	Seat seal	Graphite
50	Subjection ring	S.S. AISI 420
86	Drain plug	C.S. A350 LF2
86a	Vent plug	C.S. A350 LF2
108	O ring seat	FKM
109	Cover seal	Graphite
110	Subjection ring seal	S.S. AISI 316 Nitrided
127	Stem bearing	MU
128	Body cover 2	C.S. A350 LF2
148	O ring cover	FKM
149	ISO cover	C.S. A350 LF2
151	Body cover 1	C.S. A350 LF2
153	ISO cover bolt	S.S. (316)
163	Body cover 2 bolt	S.S. (316)
165	Stem bearing	PTFE (modified)+FG
170	O stop seal	PTFE (modified)+CG

General features

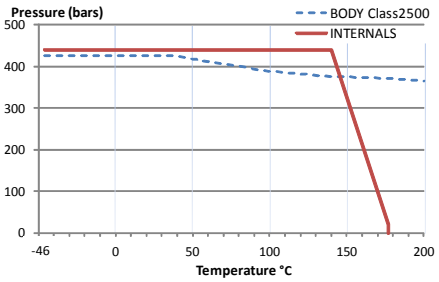
Full trunnion.
Three pieces.
Full bore.
Soft seat.
Bidirectional.
Spring loaded seat system.
Anti Blow out proof stem.
Anti static device.
Self-cavity pressure relief.
Double Block and Bleed.

Standards

Top flange ISO 5211
Flanges ANSI B16.5
Face to face ANSI B16.10
Testing API 598,API 6D, BS 6755-1
Design API 6D, B16.34
Materials according to NACE MR0175

Official approvals

CERTIFICATE FIRE SAFE
ATEX 2014/34/EU
API 6D.
PED 2014/68/EU
SIL 3 CAPABLE



PEKOS GROUP CERTIFICATES:
ISO 9001-2008 / 2014/68/EU /API-6D

DIMENSIONS & Technical information

DN	CL	D	L	E	A	B	C	F	H	G	V	X	Y	Z	n x d	ISO 5211	Torque	MAST	Weight
2"	2500	42	454	235	133	171	59	149	740	258	36	27	35	50	8 x 29	F12	476	2356,2	65

*** Depending on service conditions.* * Dimensions are in mm.* * Torque & MAST are in Nm* * Weight is in Kilogram*
* Torque values have been measured ΔP at maximum rating at room temperature*

DS-3978
Rev.5