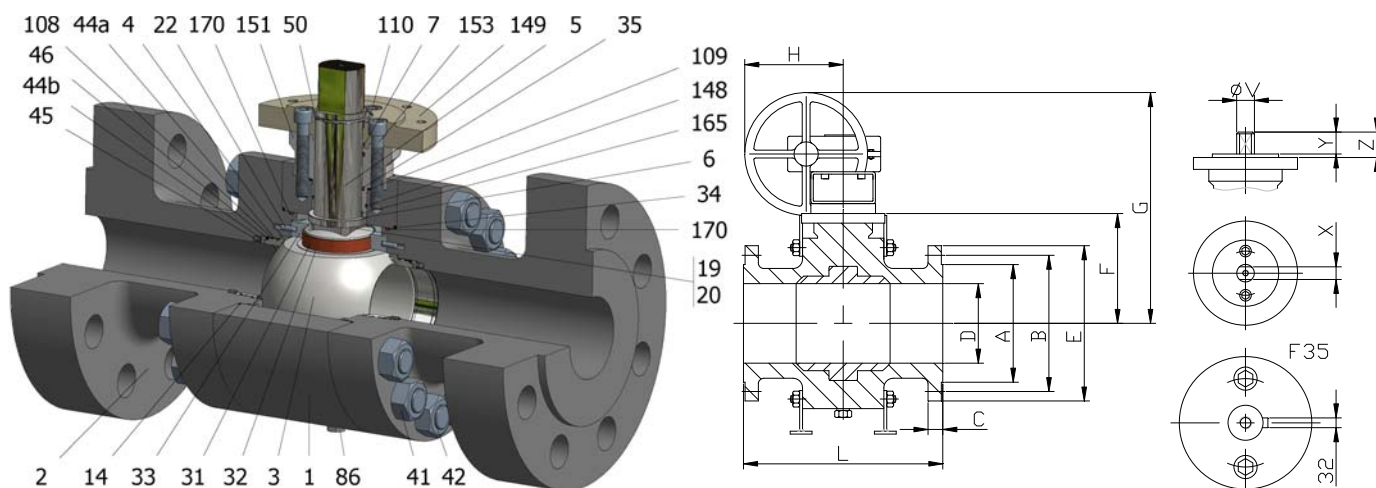


FIG.GKS 256 PGGVV CL2500 2 1/2"-12"



Position	Description	Material
01	Body 1	A182 F316
02	Body 2	A182 F316
03	Ball	A182 F51
04	Seat	PEEK
05	Stem	A182 F51
06	Stem seal	PEEK
07	Stem packing 1	Graphite
14	Body seal 1	Graphite
19	Spring	Inconel X750
20	Antistatic ball	Inconel 625
22	Stop pin	S.S. AISI 316
31	Bearing	MU-316
32	Bearing disk	PTFE (modified)+FG
33	Support bearing	A182 F51
34	Body seal 2	FKM
35	O ring stem	FKM
41	Stud	A193 B8M
42	Nut	A194 8M
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	S.S. AISI 316
86a	Vent plug	S.S. AISI 316
108	O ring seat	FKM
109	Cover seal	Graphite
110	Subjection ring seal	S.S. AISI 316 Nitrided
148	O ring cover	FKM
149	ISO cover	S.S. AISI 316
151	Body cover 1	S.S. AISI 316
153	ISO cover bolt	S.S. (316)
165	Stem bearing	PTFE (modified)+FG
170	O stop seal	PTFE (modified)+CG

General features

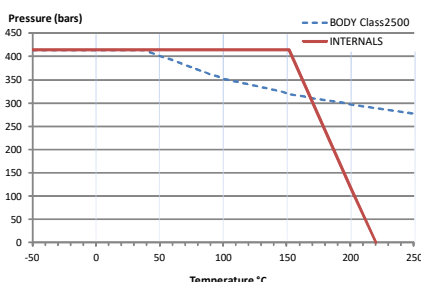
Full trunnion.
Three pieces.
Full bore.
Soft seat.
Bidirectional.
Spring loaded seat system.
Anti Blow out proof stem.
Anti static device.
Self-cavity pressure relief.
Double Block and Bleed.

Standards

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

Official approvals

CERTIFICATE FIRE SAFE
API 6D.
ATEX 2014/34/EU
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 1/2"	2500	52	508	265	105	197	64	179	336	551	36	27	35	50	8 x 32	F12	1112	2356,2	154
3"	2500	62	578	305	127	229	74	184	355	562	36	27	35	44	8 x 35	F14-1	1654	2356,2	208
4"	2500	87	673	355	157	273	83	225	380	530	48	36	40	63	8 x 41	F16-1	2528	5585,0	340
6"	2500	131	914	485	216	368	114	308	440	670	72	55	70	83	8 x 54	F25	6443	19102,7	712
8"	2500	179	1022	550	270	438	133	328	482	687	72	55	70	83	12 x 54	F25	10035	19102,7	1859
10"	2500	223	1270	675	324	540	171	405	509	790	98	75	100	106	12 x 67	F30	12539	48235,0	2817
12"	2500	265	1422	762	381	619	191	471	509	856	120	32	67	200	12 x 73	F35	14690	32400,0	3892

** Depending on service conditions.

* Dimensions are in mm.

* Torque & MAST are in Nm

* Weight is in Kilograms

* Torque values have been measured ΔP at maximum rating at room temperature

DS-3933

Rev.3