

Position	Description	Material
01	Body 1	C.S. A-105
02	Body 2	C.S. A-105
03	Ball	XM-19+Cr-Carbide
05	Stem	XM-19
07	Stem packing	Graphite
08a	Gland packing 1	S.S. AISI 316
08b	Gland packing 2	S.S. AISI 316
09	Spring washer	S.S. 1.4310
14	Body seal 1	Graphite
19	Spring	S.S. AISI 316
20	Antistatic ball	S.S. AISI 316
22	Stop pin	S.S. AISI 316
31	Bearing	Carbongraphite
33	Support bearing	XM-19
34	Body seal 2	Graphite
41	Stud	A320 L7M
42	Nut	A194 7M
44b	Ring seat 2	S.S. AISI 316
45	Spring seat	Inconel X750
46	Seat seal	Graphite
47	Metal seat	XM-19+Cr-Carbide
50	Subjection ring	S.S. AISI 304
68	Stem extension casing	C.S. A-105
71	Extension seal	Graphite
75	Extension bolt	S.S. (316)
86	Drain plug	C.S. A350 LF2
86a	Vent plug	C.S. A350 LF2
109	Cover seal	Graphite
110	Subjection ring seal	S.S. AISI 316 Nitrided
149	ISO cover	C.S. A-105
153	ISO cover bolt	S.S. (316)
165	Stem bearing	Carbongraphite

General features

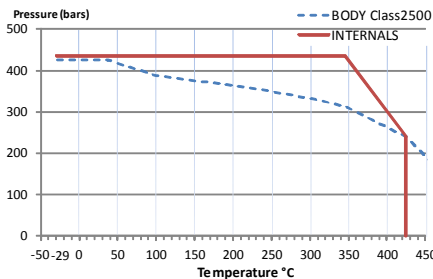
- Full trunnion.
- Three pieces.
- Full bore.
- Metal to Metal.
- Bidirectional.
- Spring loaded seat system.
- Anti Blow out proof stem.
- Anti static device.
- Self-cavity pressure relief.
- Double Block and Bleed.
- Security stem extension
- TA-LUFT.

Standards

- Top flange ISO 5211
- Flanges ANSI B16.5
- Face to face ANSI B16.10
- Design AP 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: 2015 / 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
3"	2500	62	584	305	168	229	78	304	**	**	36	27	35	40	8 x 35	F16-2	2480	1988	240
4"	2500	87	683	355	203	273	87	320	**	**	48	36	40	63	8 x 41	F16-1	3790	4716	345
6"	2500	131	927	485	279	368	121	475	**	**	72	55	70	83	8 x 54	F25	9665	16131	712
8"	2500	179	1038	550	340	438	141	513	**	**	72	55	70	83	12 x 54	F30-1	15050	16131	1859
10"	2500	223	1292	675	425	540	183	585	**	**	98	75	100	106	12 x 67	F30	18810	40732	2817
12"	2500	265	1445	760	495	619	202	988	**	**	120	32	127	200	12 x 73	F35	22034	27360	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