

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
08a	Gland packing 2	S.S. AISI 316
09	Spring washer	Inconel X718
13	Cover bolt	S.S. (316)
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	XM-19
45	Spring seat	Inconel X750
46	Seat seal	Graphite
47	Metal seat	XM-19+Cr-Carbide
50	Subjection ring	S.S. AISI 420
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

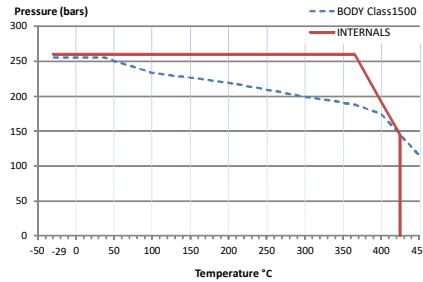
- Full trunnion.
- Three pieces.
- Full bore.
- Metal to Metal.
- Bidirectional.
- Spring loaded seat system.
- Anti Blow out proof stem.
- Anti static device.
- Self-cavity pressure relief.
- Double Block and Bleed.
- Autoadjustable packing.
- Security stem extension TA-LUFT.

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: 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"	1500	75	470	265	127	203	55	329	**	**	36	27	35	44	8 x 32	F14-1	1590	1990	165
4"	1500	100	546	310	157	241	61	345	**	**	36	27	35	40	8 x 35	F16-2	2460	1990	182
6"	1500	144	705	395	216	318	89	371	**	**	60	46	60	68	12 x 38	F25-1	6045	9360	440
8"	1500	192	832	485	270	394	99	440	**	**	72	55	70	83	12 x 45	F25	9420	16131	900
10"	1500	239	991	585	324	483	114	470	**	**	72	75	70	83	12 x 51	F30-1	11840	16131	1200
12"	1500	287	1130	675	381	572	130	613	**	**	98	75	100	106	16 x 54	F30	13940	40732	1320

** 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