

Position	Description	Material
01	Body 1	C.S. A350 LF2
02	Body 2	C.S. A350 LF2
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. AISI 301
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 1	XM-19
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. A350 LF2
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. A350 LF2
153	ISO cover bolt	S.S. (316)
165	Stem bearing	Carbongraphite

**General features**

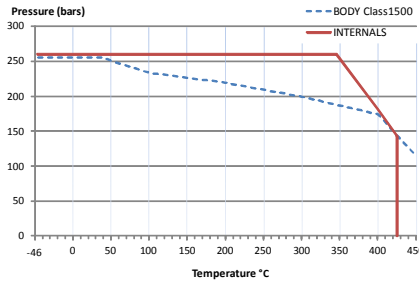
- Full trunnion.
- Three pieces.
- Full bore.
- Metal to Metal.
- Bidirectional.
- Spring loaded seat system.
- Anti Blow out proof stem.
- Autoadjustable packing.
- Anti static device.
- Self-cavity pressure relief.
- Double Block and Bleed.
- Security stem extension TA-LUFT.

**Standards**

- Top flange ISO 5211
- Flanges ANSI B16.5
- Face to face ANSI B16.10
- Testing API 598, API 6D, BS 6755-1
- Design AP 6D, B16.34
- 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	473	265	168	203	54	329	**	**	36	27	35	44	8 x 32	F14-1	1590	1990	165
4"	1500	100	549	310	194	241	60	345	**	**	36	27	35	40	8 x 35	F16-2	2460	1990	182
6"	1500	150	711	395	248	318	89	371	**	**	60	46	60	68	12 x 38	F25-1	6045	9360	440
8"	1500	201	842	485	318	394	98	440	**	**	72	55	70	83	12 x 44	F25	9420	16131	900
10"	1500	252	1001	585	371	483	114	470	**	**	72	55	70	83	12 x 51	F30-1	11840	16131	1250
12"	1500	303	1146	675	438	572	130	613	**	**	98	75	100	106	16 x 54	F30	13940	40732	1320
14"	1500	315	1276	750	489	635	140	645	**	**	120	32	127	200	16 x 60	F35	23725	24624	
16"	1500	360	1406	825	546	705	152	712	**	**	120	32	127	200	16 x 67	F35	31505	24624	

\*\* 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