

Position	Description	Material
01	Body 1	C.S. A-105
02	Body 2	C.S. A-105
03	Ball	A182 F316+Cr-Carbide
05	Stem	XM-19
06	Stem seal	S.S. AISI 316 Nitrided
07	Stem packing	Graphite
07a	Stem packing 2	Graphite
08a	Gland packing 1	S.S. AISI 316
08b	Gland packing 2	S.S. AISI 316
09	Spring washer	Inconel X718
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	S275JR+ENP
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	AISI 316+Cr-Carbide
50	Subjection ring	S.S. AISI 420
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
151	Body cover 1	C.S. A-105
153	ISO cover bolt	S.S. (316)
165	Stem bearing	Carbongraphite

General features

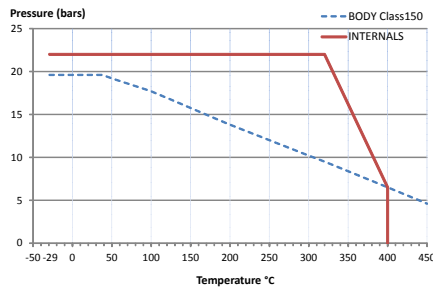
- Full trunnion.
- Three pieces.
- Full bore.
- Metal to Metal.
- Bidirectional.
- Anti Blow out proof stem.
- Autoadjustable packing.
- Anti static device.
- Self-cavity pressure relief.
- Spring loaded seat system.
- Double Block and Bleed.

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
- TA-LUFT VDI 2440
- ISO 15848-1
- 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
6"	150	150	394	280	216	241	27	210	436	588	36	27	35	50	8 x 22	F12	1150	1990	115
8"	150	201	457	345	270	299	30	265	436	643	48	36	40	63	8 x 22	F14	1795	4716	200
10"	150	252	533	405	324	362	32	301	461	686	48	36	40	63	12 x 25	F16-1	2410	4716	385
12"	150	303	610	485	381	432	33	363	461	668	60	46	60	73	12 x 25	F16	2985	9360	515
14"	150	334	686	535	413	476	36	393	563	752	60	46	60	68	12 x 29	F25-1	5070	9360	690
16"	150	385	762	595	470	540	38	433	563	792	60	46	60	68	16 x 29	F25-1	6825	9360	1220
18"	150	436	864	635	527	578	41	500	578	859	72	55	70	83	16 x 32	F25	9245	16131	1700
20"	150	487	914	700	584	635	44	534	781	969	72	55	70	83	20 x 32	F30-1	11590	16131	2100
24"	150	589	1067	815	692	749	48	622	781	1057	98	75	100	106	20 x 35	F30	15350	40732	3550

** 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