

Position	Description	Material
01	Body 1	S.S. A351 CF8M
02	Body 2	S.S. A351 CF8M
03	Ball	S.S. CF8M+Cr-Carbide
05	Stem	XM-19
06	Stem seal	S.S. AISI 316 Nitrided
07	Stem packing 1	Graphite
07a	Stem packing 2	Graphite
08	Gland packing	S.S. AISI 316
08a	Gland packing 1	S.S. AISI 316
09	Spring washer	Inconel X718
11	Cover	S.S. A351 CF8M
13	Cover bolt	S.S. (316)
14	Body seal 1	Graphite
15	Body bolt	A193 B8M
16	Handle	WCB
17	Handle bolt	1.045(8,8)
19	Spring	S.S. AISI 316
20	Antistatic ball	S.S. AISI 316
34	Body seal 2	Graphite
43	Seat seal	Graphite
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
68	Stem extension casing	S.S. AISI 316
70	Extension seal	Graphite
71	Extension bolt	S.S. (316)
110	Subjection ring seal	S.S. AISI 316 Nitrided
165	Stem bearing	Carbongraphite

General features

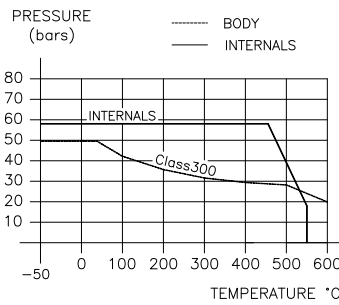
- Floating ball.
- Split body.
- Full bore.
- Metal to Metal.
- Bidirectional.
- Spring loaded seat system.
- Anti Blow out proof stem.
- Autoadjustable packing.
- Anti static device.
- Self-cavity pressure relief.
- Security stem extension

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
- ATEX 2014/34/UE
- API 6D.
- PED 2014/68/UE
- SIL 3 CAPABLE
- EN 161/EN 264



PEKOS GROUP CERTIFICATES:

ISO 9001-2008 / 97-23-CE / 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
1/2"	300	15	140	95	35	67	14	45	185	256	14	11	11	13,5	4 x 16	F05	30	80,6	3.1
3/4"	300	20	152	115	43	83	16	47	185	258	14	11	11	13,5	4 x 19	F05	35	80,6	4.5
1"	300	25	165	125	51	89	18	52	185	263	18	14	17	19,5	4 x 19	F05	50	175,2	5.7
1 1/2"	300	40	190	155	73	114	22	75	293	295	22	17	20	30	4 x 22	F07	105	464,1	10.1
2"	300	50	216	165	92	127	24	83	293	303	22	17	20	30	8 x 19	F07	170	464,1	12.8
2 1/2"	300	65	241	190	105	149	26	96	293	316	22	17	20	30	8 x 22	F07	225	464,1	19.0
3"	300	80	282	210	127	168	30	113	350	349	28	22	22	40	8 x 22	F10	330	968,5	27.0
4"	300	100	305	255	157	200	33	128	350	371	28	22	22	40	8 x 22	F10	460	968,5	44.0

** Depending on service conditions.

* Dimensions are in mm.

* Torque & MAST are in Nm

* Weight is in Kilogram

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