

Position	Description	Material
01	Body 1	A182 F316
02	Body 2	A182 F316
03	Ball	S.S. A351 CF8M
04	Seat	PCTFE
05	Stem	XM-19
06	Stem seal	PCTFE
07	Stem packing 1	PTFE (modified)
07a	Stem packing 2	Graphite
08a	Gland packing 1	S.S. AISI 316
08b	Gland packing 2	S.S. AISI 316
09	Spring washer	S.S. AISI 301
11	Cover	S.S. A351 CF8M
13	Cover bolt	S.S. (316)
14	Body seal 1	PTFE (modified)
16	Handle	S.S. A351 CF8M
17	Handle bolt	S.S. (316)
19	Spring	S.S. AISI 316
20	Antistatic ball	S.S. AISI 316
31	Bearing	MU-316
34	Body seal 2	Graphite
35	O ring stem	NBR
41	Stud	A320 B8M
42	Nut	A194 8M
44a	Ring seat 1	S.S. AISI 316
44b	Ring seat 2	S.S. AISI 316
45	Spring seat	Inconel X750
46	Seat seal	Graphite
50	Subjection ring	S.S. AISI 420
68	Stem extension casing	A182 F316
71	Extension seal	Graphite
75	Extension bolt	S.S. (316)
86	Drain plug	S.S. AISI 316
86a	Vent plug	S.S. AISI 316
109	Cover seal	Graphite
127	Stem bearing	MU-316
128	Body cover 2	S.S. AISI 316
163	Body cover 2 bolt	S.S. (316)
165	Stem bearing	PTFE (modified)+FG

General features

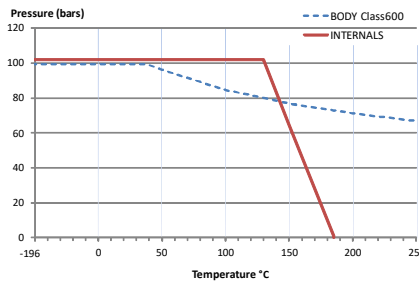
- Full trunnion.
- Three pieces.
- Full bore.
- Soft seat.
- Unidirectional.
- Spring loaded seat system.
- Anti Blow out proof stem.
- Anti static device.
- Self-cavity pressure relief.
- Double Block and Bleed.
- Cryogenic.
- Degreased
- Autoadjustable packing.

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
- ATEX 2014/34/EU API 6D.
- PED 2014/68/EU SIL 3 CAPABLE
- ISO 15848-1
- CRYOGENIC



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
1/2"	600	15	165	95	35	67	22	58	185	114	18	14	17	19,5	4 x 16	F05	34	175	7
3/4"	600	20	190	115	43	83	23	58	185	114	18	14	17	19,5	4 x 19	F05	52	175	12
1"	600	25	216	125	51	89	24	58	185	114	18	14	17	19,5	4 x 19	F05	74	175	13
1 1/2"	600	40	241	155	73	114	30	82	293	152	22	17	20	30	4 x 22	F07	160	464	19

** 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