

Position	Description	Material
01	Body 1	A182 F316
02	Body 2	A182 F316
03	Ball	S.S. A351 CF8M
04	Seat	PTFE
05	Stem	XM-19
06	Stem seal	PTFE
07	Stem packing 1	PTFE (modified)
07a	Stem packing 2	Graphite
08a	Gland packing 1	S.S. AISI 316
08a	Gland packing 2	S.S. AISI 316
09	Spring washer	S.S. AISI 301
13	Cover bolt	S.S. (316)
14	Body seal 1	PTFE (modified)
19	Spring	S.S. AISI 316
20	Antistatic ball	S.S. AISI 316
22	Stop pin	S.S. AISI 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	S.S. AISI 316
75	Extension bolt	S.S. (316)
86	Drain plug	S.S. AISI 316
86a	Vent plug	S.S. AISI 316
109	Cover seal	Graphite
110	Subjection ring seal	S.S. AISI 316 Nitrided
127	Stem bearing	MU-316
128	Body cover 2	S.S. AISI 316
149	ISO cover	S.S. AISI 316
163	Body cover 2 bolt	S.S. (316)
165	Stem bearing	PTFE (modified)+FG

**General features**

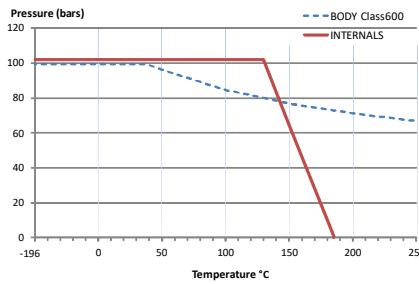
- Full trunnion.
- Three pieces.
- Full bore.
- Degreased
- Unidirectional.
- Anti Blow out proof stem.
- Autoadjustable packing.
- Anti static device.
- Self-cavity pressure relief.
- Spring loaded seat system.
- Double Block and Bleed.
- Security stem extension

**Standards**

- Top flange ISO 5211
- Flanges ANSI B16.5
- Buttwelding ends B16.25
- 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
- TA-LUFT VDI 2440
- ISO 15848-1
- API 6D.
- ATEX 2014/34/EU
- PED 2014/68/EU
- SIL 3 CAPABLE
- 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
2"	600	50	292	165	92	127	33	73	293	405	28	22	22	40	8 x 19	F10	188	969	36
3"	600	80	356	210	127	168	40	98	350	458	36	27	35	50	8 x 22	F12	494	1990	75

\*\* 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