

Position	Description	Material
01	Body 1	S.S. 1.4401
02	Body 2	S.S. 1.4401
03	Ball	S.S. 1.4408
04	Seat	PTFE (modified)
05	Stem	D.S.S. 1.4462
06	Stem seal	PTFE (modified)+FG
07	Stem packing	Graphite
14	Body seal 1	PTFE (modified)
19	Spring	Inconel X750
20	Antistatic ball	Inconel 625
22	Stop pin	S.S. 1.4401
31	Bearing	MU-316
32	Bearing disk	PTFE (modified)+FG
33	Support bearing	S.S. 1.4401
34	Body seal 2	Graphite
35	O ring stem	FKM
41	Stud	A4-70
42	Nut	A4-70
44a	Ring seat 1	S.S. 1.4401
44b	Ring seat 2	S.S. 1.4401
45	Spring	Inconel X750
46	Seat seal	Graphite
50	Subjection ring	S.S. 1.4301
86	Drain plug	S.S. 1.4401
108	O ring seat	FKM
109	Cover seal	Graphite
110	Subjection ring seal	S.S. 1.4401 Nitrided
148	O ring cover	FKM
149	ISO cover	S.S. 1.4401
151	Body cover 1	S.S. 1.4401
152	Body cover bolt	A4-70
153	ISO cover bolt	A4-70
165	Stem bearing	PTFE (modified)+FG

### General features

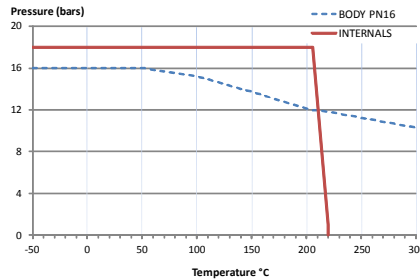
- Full trunnion.
- Three pieces.
- Full bore.
- Soft seat.
- Bidirectional.
- Anti Blow out proof stem.
- Autoadjustable packing.
- Anti static device.
- Self-cavity pressure relief.
- Spring loaded seat system.
- Double Block and Bleed.

### Standards

- Top flange ISO 5211
- Flanges EN 1092-01
- Face to face EN 558
- Testing EN-12266, ISO 5208
- Design EN-12516, ISO 17292

### Official approvals

- TA-LUFT VDI 2440
- ISO 15848-1
- ATEX 2014/34/EU
- PED 2014/68/EU
- SIL 3 CAPABLE
- CERTIFICATE FIRE SAFE



### PEKOS GROUP CERTIFICATES:



### DIMENSIONS & Technical information

DN	PN	D	L	E	A	B	C	F	H	G	V	X	Y	Z	n x d	ISO 5211	Torque	MAST	Weight
125	16	125	325	250	188	210	22	176	271	497	36	27	35	50	8 x 18	F12	260	2356	97
150	16	150	350	285	212	240	22	210	271	531	36	27	35	50	8 x 22	F12	330	2356	128
200	16	200	400	340	268	295	24	265	336	647	48	36	40	63	12 x 22	F14	520	5585	220
250	16	250	450	405	320	355	26	301	336	683	48	36	40	63	12 x 26	F14	700	5585	425
300	16	300	500	460	378	410	28	374	355	762	60	46	60	73	12 x 26	F16	870	11084	565
350	16	350	550	520	438	470	30	406	355	824	60	46	60	73	16 x 26	F16	1475	11084	760
400	16	400	600	580	490	525	32	440	430	915	60	46	60	73	16 x 30	F16	1990	11084	980
450	16	450	650	640	550	585	40	500	480	1085	72	55	70	83	20 x 30	F25	2650	19103	1870
500	16	500	700	715	610	650	44	550	532	1139	72	55	70	83	20 x 33	F25	3280	19103	2310

\*\* 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