

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)+CG
05	Stem	D.S.S. 1.4462
06	Stem seal	PEEK
07	Stem packing 1	Graphite
14	Body seal 1	PTFE (modified)+CG
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 seat	Inconel X750
46	Seat seal	Graphite
50	Subjection ring	S.S. 1.4301
86	Drain plug	S.S. 1.4401
86a	Vent 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

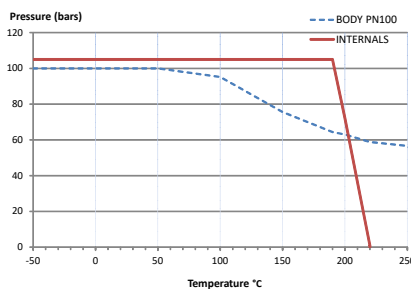
- Full trunnion.
- Three pieces.
- Full bore.
- Soft seat.
- Bidirectional.
- Spring loaded seat system.
- Anti Blow out proof stem.
- Self-cavity pressure relief.
- Anti Blow out proof stem.
- Double Block and Bleed.

Standards

- Top flange ISO 5211
- Flanges EN 1092-01
- Face to face EN-12982
- Testing EN-12266, ISO 5208
- Design EN-12516, ISO 17292

Official approvals

- CERTIFICATE FIRE SAFE
- TA-LUFT VDI 2440
- ISO 15848-1
- 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	PN	D	L	E	A	B	C	F	H	G	V	X	Y	Z	n x d	ISO 5211	Torque	MAST	Weight
100	100	100	430	265	162	210	36	175	336	547	36	27	35	50	8 x 30	F12	500	2356	103
125	100	125	500	315	188	250	40	191	336	573	48	36	40	63	8 x 33	F14	805	5585	158
150	100	150	480	355	218	290	44	229	436	607	48	36	40	63	12 x 33	F14	1110	5585	212
200	100	200	600	430	285	360	52	295	461	600	48	36	40	63	12 x 36	F16-1	1750	5585	378
250	100	250	730	505	345	430	60	330	461	635	48	36	40	63	12 x 39	F16-1	2215	5585	632
300	100	300	850	585	410	500	68	400	461	705	72	55	70	83	16 x 42	F25	2640	19103	678
350	100	350	980	655	465	560	74	426	563	785	72	55	70	83	16 x 48	F25	4495	19103	1134
400	100	400	1100	715	535	620	83	465	578	824	72	55	70	83	16 x 48	F25	6020	19103	1340
500	100	500	1250	870	615	760	95	545	**	**	98	75	100	106	20 x 56	F30	12460	48235	2815

** 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