

Position	Description	Material
01	Body 1	C.S. 1.0352
02	Body 2	C.S. 1.0352
03	Ball	S.S. 1.4401
04	Seat	DEVLON V
05	Stem	D.S.S. 1.4462
06	Stem seal	PEEK
07	Stem packing	Graphite
14	Body seal 1	Graphite
19	Spring	Inconel X750
20	Antistatic ball	Inconel 625
22	Stop pin	S.S. 1.4401
31	Bearing	MU
32	Bearing disk	PTFE (modified)+FG
33	Support bearing	S275JR+ENP
34	Body seal 2	FKM
35	O ring stem	FKM
41	Stud	A2-70
42	Nut	A2-70
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. 1.4021
86	Drain plug	C.S. A350 LF2
86a	Vent plug	C.S. A350 LF2
109	Cover seal	Graphite
110	Subjection ring seal	S.S. 1.4401 Nitrided
149	ISO cover	C.S. 1.0352
151	Body cover 1	C.S. 1.0352
153	ISO cover bolt	A4-70
165	Stem bearing	PTFE (modified)+FG

General features

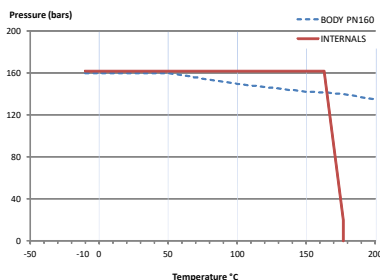
- Full trunnion.
- Three pieces.
- Full bore.
- Soft seat.
- Bidirectional.
- Spring loaded seat system.
- Anti Blow out proof stem.
- Self-cavity pressure relief.
- Anti Blow out proof stem.
- Double Block and Bleed.

Standards

- Top flange ISO 5211
- Flanges EN 1092-01
- Face to face EN 558
- 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
80	160	75	380	230	138	180	36	160	271	481	36	27	35	50	8 x 26	F12	420	2356	98
100	160	100	430	265	162	210	40	175	336	547	36	27	35	50	8 x 30	F12	645	2356	153
150	160	150	550	355	218	290	50	229	380	614	48	36	40	63	12 x 33	F14	1525	5585	353
200	160	201	650	430	285	360	60	295	380	600	48	36	40	63	12 x 36	F16-1	2380	11084	595
250	160	252	775	515	345	430	68	330	380	635	48	36	40	63	12 x 42	F16-1	3310	11084	885
300	160	303	900	585	410	500	78	400	440	762	72	55	70	83	16 x 42	F25	3570	19103	1220

** 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