

127 148 163 128 86 109 4 108 167

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	PTFE (modified)+CG
07	Stem packing	PTFE (modified)+CG
07a	Stem packing 2	Graphite
08a	Gland packing 1	S.S. 1.4401
08b	Gland packing 2	S.S. 1.4401
09	Spring washer	S.S. 1.4310
11	Cover	S.S. 1.4408
13	Cover bolt	A4-70
14	Body seal 1	PTFE (modified)+CG
15	Body bolt	A4-70
16	Handle	A351 CF8M/WCB
17	Handle bolt	S.S. (304)/1.045(8.8)
19	Spring	Inconel X750
20	Antistatic ball	Inconel 625
34	Body seal 2	Graphite
35	O ring stem	FKM
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	S.S. 1.4401
108	O ring seat	FKM
109	Cover seal	Graphite
110	Subjection ring seal	S.S. 1.4401 Nitrided
127	Stem bearing	MU-316
128	Body cover 2	S.S. 1.4401
148	O ring cover	FKM
163	Body cover 2 bolt	A4-70
165	Stem bearing	PTFE (modified)+FG
167	Stem guide bolt	A2-70 Nitrided

**General features**

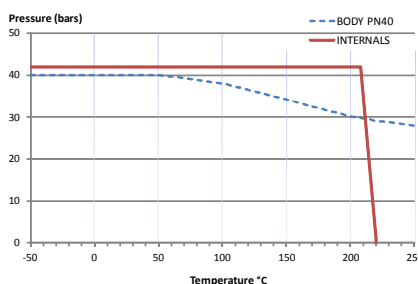
- Full trunnion.
- Split body.
- Full bore.
- Soft seat.
- Bidirectional.
- Spring loaded seat system.
- Anti Blow out proof stem.
- Autoadjustable packing.
- Anti static device.
- Self-cavity pressure relief.
- Double Block and Bleed.

**Standards**

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

**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 9001-2008 / 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
40	40	40	200	150	88	110	18	75	293	144	22	17	20	30	4 x 18	F07	60	550	12
50	40	50	230	165	102	125	20	84	293	153	22	17	20	30	4 x 18	F07	80	550	17
80	40	80	310	200	138	160	24	107	450	198	28	22	22	40	8 x 18	F10	190	1147	38
100	40	100	350	235	162	190	24	113	450	204	28	22	22	40	8 x 22	F10	250	1147	60

\*\* 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