

Position	Description	Material
01	Body 1	C.S. A352 LCC
03	Ball	AISI 316+Cr-Carbide
05	Stem	XM-19
07	Stem packing	Graphite
07a	Stem packing 2	Graphite
08a	Gland packing 1	S.S. AISI 316
08b	Gland packing 2	S.S. AISI 316
09	Spring washer	Inconel X718
11	Cover	A351 CF8M/AISI 316
13	Cover bolt	S.S. (316)
14	Body seal 1	Graphite
19	Spring	S.S. AISI 316
20	Antistatic ball	S.S. AISI 316
31	Bearing	Carbongraphite
34	Body seal 2	Graphite
41	Stud	A320 L7M
42	Nut	A194 7M
43	Seat seal	Graphite+AISI 316
44b	Ring seat 2	S.S. AISI 316
44c	Ring seat 3	S.S. AISI 316
44d	Ring seat 4	S.S. AISI 316
45	Spring	Inconel X750
43	Seat seal	Graphite
47	Metal seat	S.S. AISI 316
50	Subjection ring	S.S. AISI 420
64	Body cover	C.S. A352 LCC
86	Plug	C.S. A350 LF2
110	Subjection ring seal	S.S. AISI 316 Nitrided
165	Stem bearing	Carbongraphite

**General features**

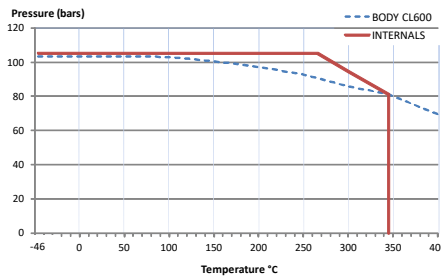
- Full trunnion.
- Top entry
- Full bore.
- Metal to Metal.
- Bidirectional.
- Spring loaded seat system.
- Anti Blow out proof stem.
- Anti static device.
- Self-cavity pressure relief.
- Double Block and Bleed.
- Allows in-line maintenance

**Standards**

- Top flange ISO 5211
- Flanges ANSI B16.5
- Face to face ANSI B16.10 (CLASS 600)
- Testing API 598, API 6D, BS 6755-1
- Design API 6D, B16.34
- Materials according to NACE MR0175

**Official approvals**

- CERTIFICATE FIRE SAFE
- TA-LUFT VDI 2440
- ISO 15848-1
- ATEX 2014/34/EU
- API 6D.
- PED 2014/68/EU
- SIL 3 CAPABLE



**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
6"	600	150	559	355	216	292	55	236	436	614	48	36	40	63	12 x 28,5	F16-1	2855	4716	225
8"	600	201	660	420	270	349	63	279	461	584	60	46	60	73	12 x 32	F16	4445	9360	400
10"	600	252	787	510	324	432	71	310	461	615	60	46	60	68	16 x 35	F25-1	5690	9360	585
12"	600	303	838	560	381	489	74	383	461	688	72	55	70	83	20 x 35	F25	6795	16131	820

\*\* 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