

Position	Description	Material
01	Body 1	A182 F316
02	Body 2	A182 F316
03	Ball	S.S. A351 CF8M
04	Seat	PCTFE
05	Stem	XM-19
06	Stem seal	PCTFE
07	Stem packing	PTFE (modified)
07a	Stem packing 2	Graphite
08a	Gland packing 1	S.S. AISI 316
08b	Gland packing 2	S.S. AISI 316
09	Spring washer	S.S. AISI 301
14	Body seal 1	PTFE (modified)
19	Spring	Inconel X750
20	Antistatic ball	Inconel X718
22	Stop pin	S.S. AISI 316
31	Bearing	MU-316
32	Bearing disk	PTFE (modified)+FG
33	Support bearing	S.S. AISI 316
34	Body seal 2	Graphite
35	O ring stem	NBR
41	Stud	A320 B8M
42	Nut	A194 8M
44a	Ring seat 1	S.S. AISI 316
44b	Ring seat 2	S.S. AISI 316
45	Spring seat	Inconel X750
46	Seat seal	Graphite
50	Subjection ring	S.S. AISI 420
68	Stem extension casing	A182 F316
75	Extension bolt	S.S. (316)
86	Drain plug	S.S. AISI 316
86a	Vent plug	S.S. AISI 316
109	Cover seal	Graphite
110	Subjection ring seal	S.S. AISI 316 Nitrided
149	ISO cover	S.S. AISI 316
153	ISO cover bolt	S.S. (316)
165	Stem bearing	PTFE (modified)+FG

### General features

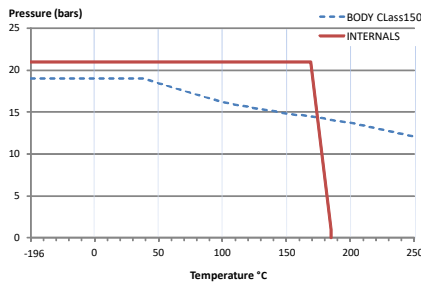
- Full trunnion.
- Cryogenic.
- Three pieces.
- Full bore.
- Soft seat.
- Unidirectional.
- Anti Blow out proof stem.
- Autoadjustable packing.
- Anti static device.
- Self-cavity pressure relief.
- Spring loaded seat system.
- Double Block and Bleed.
- Degreased

### Standards

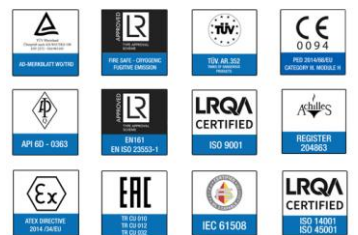
- Top flange ISO 5211
- Flanges ANSI B16.5
- Face to face ANSI B16.10
- Design API 6D, B16.34
- Testing API 598, API 6D, BS 6755-1
- Materials according to NACE MR0175

### Official approvals

- CERTIFICATE FIRE SAFE TA-LUFT VDI 2440
- ISO 15848-1
- CRYOGENIC API 6D.
- ATEX 2014/34/EU
- PED 2014/68/EU
- SIL 3 CAPABLE
- EN 161/EN ISO 23553-1



### PEKOS GROUP CERTIFICATES:



### 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"	150	150	394	280	216	241	26	210	271	831	36	27	35	50	8 x 22	F12	470	1990	118
8"	150	201	457	345	270	299	29	265	336	947	48	36	40	63	8 x 22	F14	730	4716	205
10"	150	252	533	405	324	362	30	301	336	983	48	36	40	63	12 x 25	F14	985	4716	393
12"	150	303	610	485	381	432	32	363	355	991	60	46	60	73	12 x 25	F16	1220	9360	525
14"	150	334	686	535	413	476	35	393	355	991	60	46	60	73	12 x 29	F16	2070	9360	705
16"	150	385	762	595	470	540	37	433	430	1088	60	46	60	73	16 x 29	F16	2790	9360	1245
18"	150	436	864	635	527	578	40	500	480	1205	72	55	70	83	16 x 32	F25	3750	16131	1735
20"	150	487	914	700	584	635	43	534	532	1243	72	55	70	83	20 x 32	F25	4705	16131	2140
24"	150	589	1067	815	692	749	48	622	781	1357	98	75	100	106	20 x 35	F30	6270	40732	3620

\*\* 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

Rec del Molinar, 9-P-I. El Circuit -08160 Montmeló (Barcelona)-Spain

-The contents of this document are subject to change without prior notice due to the continuous development processes.

Tel.: (+34) 93 568 92 56

pekos@pekos.es