

Position	Description	Material
01	Body 1	S.S. 1.4408
02	Body 2	S.S. 1.4408
03	Ball	S.S. 1.4408
04	Seat	PTFE
05	Stem	XM-19
06	Stem seal	PTFE
07	Stem packing	PTFE (modified)
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)
15	Body bolt	A4-70
16	Handle	WCB
17	Handle bolt	1.045(8.8)
19	Spring	S.S. 1.4401
20	Antistatic ball	S.S. 1.4401
31	Bearing	MU-316
34	Body seal 2	Graphite
35	O ring stem	NBR
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
68	Stem extension casing	S.S. 1.4401
71	Extension seal	Graphite
75	Extension bolt	A4-70
110	Subjection ring seal	S.S. 1.4401 Nitrided
165	Stem bearing	PTFE (modified)+FG

General features

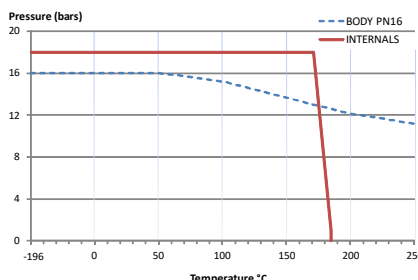
- Floating ball.
- Cryogenic.
- Split body.
- Full bore.
- Soft seat.
- Unidirectional.
- Spring loaded seat system.
- Anti Blow out proof stem.
- Autoadjustable packing.
- Anti static device.
- Self-cavity pressure relief.
- Degreased

Standards

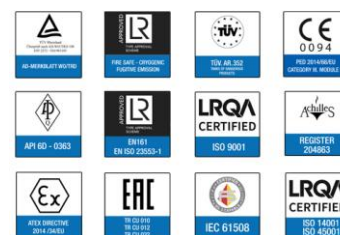
- Top flange ISO 5211
- Flanges EN 1092-01
- Face to face EN 558
- Design EN-12516, ISO 17292
- Testing EN-12266, ISO 5208

Official approvals

- CERTIFICATE FIRE SAFE
- CRYOGENIC
- 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
15	16	15	115	95	45	65	16	51	185	364	14	11	11	13,5	4 x 14	F05	16	81	4
20	16	20	120	105	58	75	18	53	185	366	14	11	11	13,5	4 x 14	F05	21	81	5
25	16	25	125	115	68	85	18	59	185	372	18	14	17	19,5	4 x 14	F05	29	175	6
32	16	32	130	140	78	100	18	64	185	377	18	14	17	19,5	4 x 18	F05	43	175	8
40	16	40	140	150	88	110	18	75	293	395	22	17	20	30	4 x 18	F07	64	464	10
50	16	50	150	165	102	125	20	83	293	403	22	17	20	30	4 x 18	F07	96	464	15
65	16	65	170	185	122	145	18	96	293	416	22	17	20	30	4 x 18	F07	114	464	21
80	16	80	180	200	138	160	20	114	450	457	28	22	22	40	8 x 18	F10	176	969	28
100	16	100	190	220	158	180	20	128	450	471	28	22	22	40	8 x 18	F10	229	969	37
125	16	125	325	250	188	210	22	158	680	517	36	27	35	50	8 x 18	F12	499	1990	69
150	16	150	350	285	212	240	22	175	680	534	36	27	35	50	8 x 22	F12	790	1990	92
200	16	200	400	340	268	295	24	245	750	604	48	36	40	63	12 x 22	F14	1123	4716	165