

Position	Description	Material
01	Body 1	A182 F316/316L
02	Body 2	A182 F316/316L
03	Ball	A182 F316/316L
04	Seat	PTFE (modified)+CG
05	Stem	S.S. AISI 316/316L
06	Stem seal	PTFE (modified)+CG
07	Stem packing	Graphite
08	Gland packing	S.S. AISI 316
09	Spring washer	S.S. AISI 301
10	Stem nut	S.S. AISI 304
13	Cover bolt	S.S. (316)
14	Body seal 1	PTFE (modified)+CG
15	Body bolt	A193 B8M
16	Handle	C.S. PAINTING
18	Thrust washer	PTFE (modified)+CG
19	Spring	S.S. AISI 316
20	Antistatic ball	S.S. AISI 316
35	O ring stem	FKM
43	Seat seal	FKM
44a	Ring seat 1	S.S. AISI 316
94	Stop washer	S.S. AISI 301

General features

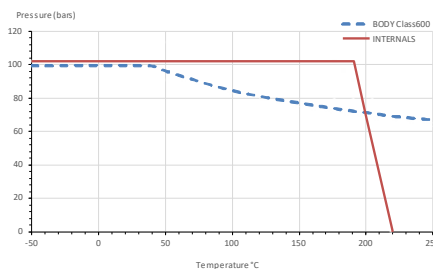
- Floating ball.
- Full bore.
- Soft seat.
- Three way.
- Fire Safe Design
- Anti Blow out proof stem.
- Autoadjustable packing.
- Anti static device.
- Self-cavity pressure relief.
- Allows in-line maintenance

Standards

- Top flange ISO 5211
- Socket-welding ends B16.11
- Materials according to NACE MR0175
- Design B16.34
- Testing API 598, BS 6755-1

Official approvals

- 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	CL	D	L	E	A	B	C	F	H	G	V	X	Y	Z	n x d	ISO 5211	Torque	MAST	Weight
1/2"	600	14	119	-	22	-	10	30	180	97	12	8	14	23	- x -	F04/-	17	34	3
3/4"	600	21	150	-	28	-	13	40	180	102	12	8	14	19	- x -	F04/F07	26	34	5
1"	600	26	158	-	34	-	13	43	220	114	15	9	18	28	- x -	F05/F07	36	65	7

** 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