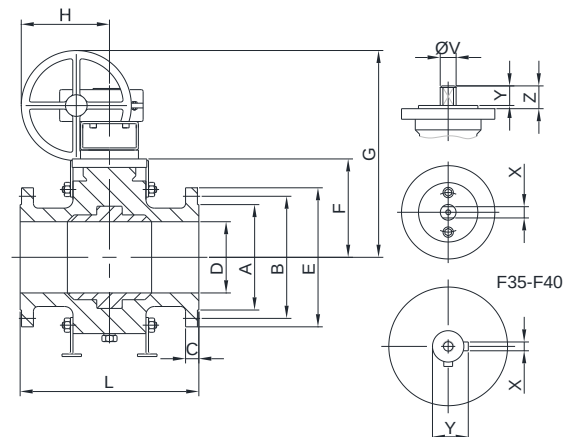
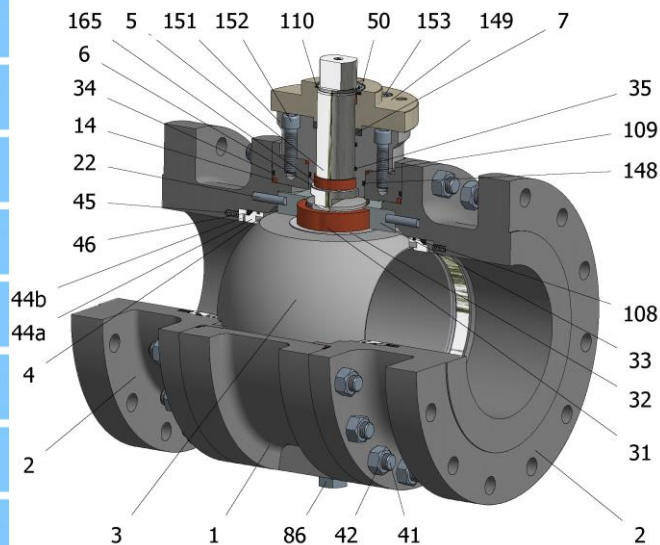




Position	Description	Material
01	Body 1	C.S. A-105
02	Body 2	C.S. A-105
03	Ball	S.S. A351 CF8M
04	Seat	PTFE (modified)+CG
05	Stem	A182 F51
06	Stem seal	PTFE (modified)+CG
07	Stem packing	Graphite
14	Body seal 1	PTFE (modified)+CG
19	Spring	Inconel X750
20	Antistatic ball	Inconel 625
22	Stop pin	S.S. AISI 316
31	Bearing	MU
32	Bearing disk	PTFE (modified)+FG
33	Support bearing	S275JR+ENP
34	Body seal 2	Graphite
35	O ring stem	FKM
41	Stud	A320 L7M
42	Nut	A194 7M
44a	Ring seat 1	S.S. AISI 316
44b	Ring seat 2	S.S. AISI 316
45	Spring	Inconel X750
46	Seat seal	Graphite
50	Subjection ring	S.S. AISI 420
86	Drain plug	C.S. A350 LF2
86a	Vent plug	C.S. A350 LF2
108	O ring seat	FKM
109	Cover seal	Graphite
110	Subjection ring seal	S.S. AISI 316 Nitrided
148	O ring cover	FKM
149	ISO cover	C.S. A-105
151	Body cover 1	C.S. A-105
152	Body cover bolt	S.S. (316)
153	ISO cover bolt	S.S. (316)
165	Stem bearing	PTFE (modified)+FG

General features

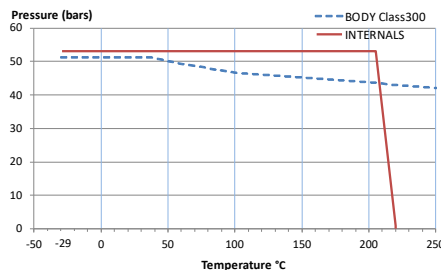
Full trunnion.
Three pieces.
Full bore.
Soft seat.
Bidirectional.
Spring loaded seat system.
Anti Blow out proof stem.
Anti static device.
Self-cavity pressure relief.
Double Block and Bleed.

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
API 6D.
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
4"	300	100	305	255	157	200	33	147	271	468	28	22	22	40	8 x 22	F10	345	1147	76
6"	300	150	403	320	216	270	38	210	336	582	36	27	35	50	12 x 22	F12	695	2356	138
8"	300	201	502	380	270	330	43	265	436	643	48	36	40	63	12 x 25	F14	1085	5585	239
10"	300	252	568	445	324	387	49	301	436	679	48	36	40	63	16 x 29	F14	1415	5585	437
12"	300	303	648	520	381	451	52	374	461	679	60	46	60	73	16 x 32	F16	1715	11084	729
14"	300	337	762	585	413	514	57	393	461	698	60	46	60	73	20 x 32	F16	2920	11084	928
16"	300	385	838	650	470	572	60	433	563	792	60	46	60	73	20 x 35	F16	3906	11084	1200
18"	300	436	914	710	533	629	62	500	563	859	72	55	70	83	24 x 35	F25	5690	19103	1550
20"	300	487	991	775	584	686	64	534	578	893	72	55	70	83	24 x 35	F25	7560	19103	2200
24"	300	589	1143	915	692	813	70	667	606	1103	120	32	67	200	24 x 41	F35	12430	29160	3730