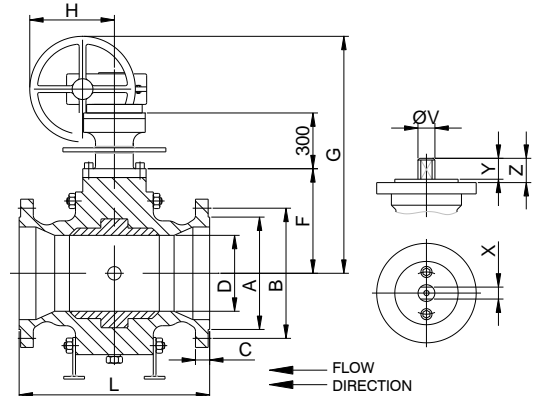
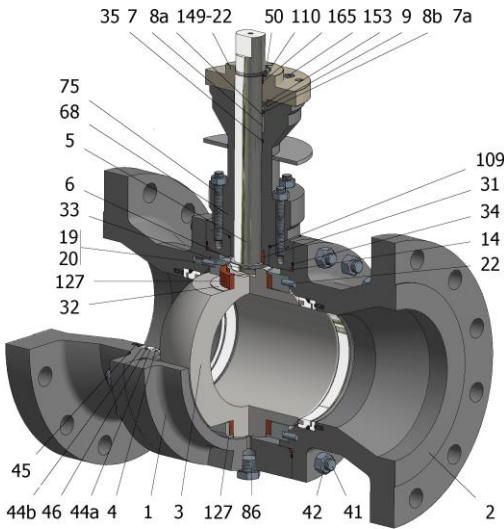


# FIG.ZFGKOSURB 36 KTTGN CL300 6"-24"



Position	Description	Material
01	Body 1	A182 F316
02	Body 2	A182 F316
03	Ball	A182 F316
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. 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	S.S. AISI 316
20	Antistatic ball	S.S. AISI 316
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 304
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

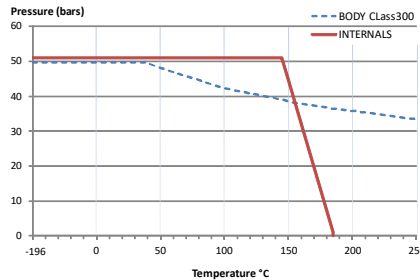
- Full trunnion.
- Three pieces.
- Reduced bore.
- Soft seat.
- Unidirectional.
- Self-cavity pressure relief.
- Spring loaded seat system.
- Anti Blow out proof stem.
- Anti static device.
- Autoadjustable packing.
- Double Block and Bleed.
- Cryogenic.
- Degreased

### Standards

- Top flange ISO 5211
- Flanges ANSI B16.5
- Face to face ANSI B16.10
- Design AP 6D, B16.34
- Unidirectional.
- 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.
- CRYOGENIC
- ATEX 2014/34/EU
- PED 2014/68/EU
- SIL 3 CAPABLE



### 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"	300	100	403	318	216	270	38	129	200	637	28	22	22	40	12 x 22	F10	580	969	85
8"	300	150	502	381	270	330	41	197	271	788	36	27	35	50	12 x 25	F12	1165	1990	186
10"	300	201	568	445	324	387	48	250	336	932	48	36	40	63	16 x 29	F14	1820	4716	350
12"	300	252	648	521	381	451	51	270	355	958	48	36	40	63	16 x 32	F14	2380	4716	600
14"	300	252	762	584	413	514	54	270	355	958	48	36	40	63	20 x 32	F14	2380	4716	850
16"	300	303	838	648	470	572	57	288	355	976	60	46	60	73	20 x 35	F16	2880	9360	1200
18"	300	334	914	710	527	629	60	298	355	1006	60	46	60	73	24 x 35	F16	4900	9360	1445
20"	300	385	991	775	584	686	64	358	430	1133	60	46	60	73	24 x 35	F16	6560	9360	1966
24"	300	487	1143	915	692	813	70	441	613	1330	72	55	70	83	24 x 41	F25	12700	16131	3145

\*\* 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