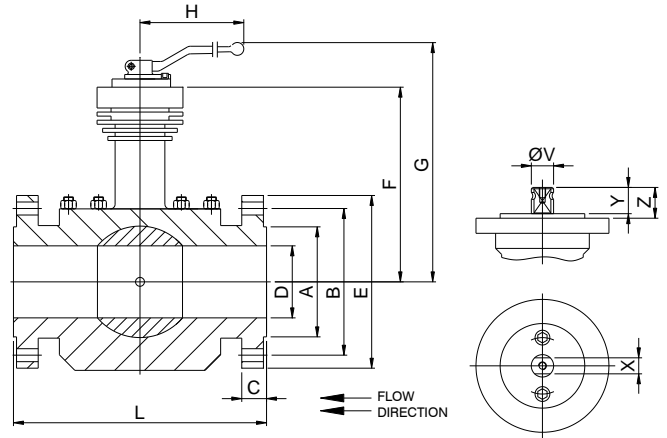
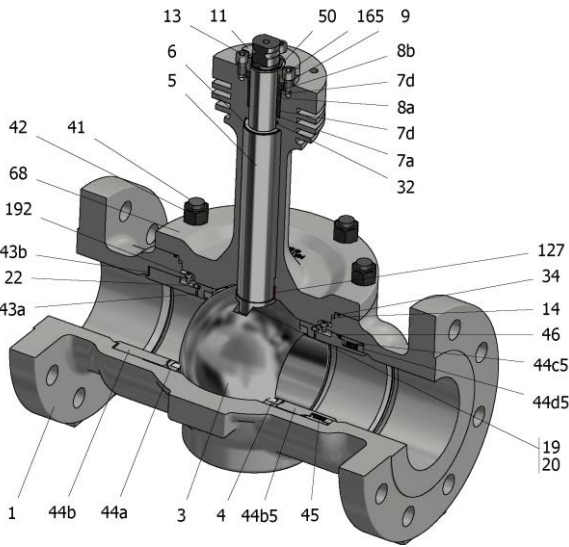


FIG.ZTEFOSU 36 KTTGN CL300 1"-4"



Position	Description	Material
01	Body 1	S.S. A351 CF8M
03	Ball	S.S. A351 CF8M
04	Seat	PTFE
05	Stem	XM-19
06	Stem seal	PTFE
07a	Stem packing 1	PTFE (modified)
07b	Stem packing 2	Graphite
07d	Stem packing 3	Graphite
08a	Gland packing 1	S.S. AISI 316
08b	Gland packing 2	S.S. AISI 316
09	Spring washer	S.S. AISI 301
11	Cover	S.S. A351 CF8M
13	Cover bolt	S.S. (316)
14	Body seal 1	PTFE (modified)
16	Handle	A351 CF8M/WCB
17	Handle bolt	S.S. (304)/1.045(8.8)
19	Spring	S.S. AISI 316
20	Antistatic ball	S.S. AISI 316
22	Stop pin	S.S. AISI 316
34	Body seal 2	Graphite
35	Stem O ring	NBR
41	Stud	A320 B8M
42	Nut	A194 8M
43a	Seat seal 1	Graphite+AISI 316
43b	Seat seal 2	Graphite+AISI 316
44a	Ring seat 1	S.S. AISI 316
44b	Ring seat 2	S.S. AISI 316
44b5	Ring seat 2 (spring)	S.S. AISI 316
44c5	Ring seat 4 (spring)	S.S. AISI 316
44d5	Ring seat 3 (spring)	S.S. AISI 316
45	Spring	Inconel X750
46	Seat seal	Graphite
50	Subjection ring	S.S. AISI 420
68	Extension cover	S.S. A351 CF8M
127	Bearing	MU-316
165	Stem bearing	PTFE (modified)+FG
192	Positioner bolt	S.S. (316)

General features

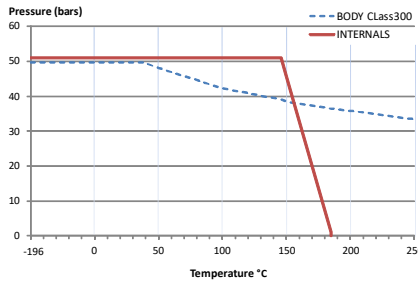
- Top entry
- Floating ball.
- Full bore.
- Soft seat.
- Unidirectional.
- Spring loaded seat system.
- Anti Blow out proof stem.
- Autoadjustable packing.
- Allows in-line maintenance
- Degreased
- Cryogenic.

Standards

- Top flange ISO 5211
- Flanges ANSI B16.5
- Design API 6D, B16.34
- Face to face ANSI B16.10 (CLASS 600)
- 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



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"	300	25	216	125	51	89	18	299	185	356	18	14	17	19,5	4 x 19	F05	40	175	12
1 1/4"	300	32	229	135	64	98	20	303	185	360	18	14	17	19,5	4 x 19	F05	67	175	15
1 1/2"	300	40	241	155	73	114	22	307	293	377	22	17	20	30	4 x 22	F07	88	464	21
2"	300	50	292	165	92	127	23	315	293	385	22	17	20	30	8 x 19	F07	146	464	28
2 1/2"	300	65	330	190	105	149	26	325	293	395	22	17	20	30	8 x 22	F07	187	464	37
3"	300	80	356	210	127	168	29	327	450	431	28	22	22	40	8 x 22	F10	312	968	58
4"	300	100	432	255	157	200	33	340	450	444	28	22	22	40	8 x 22	F10	450	968	82

\*\* 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