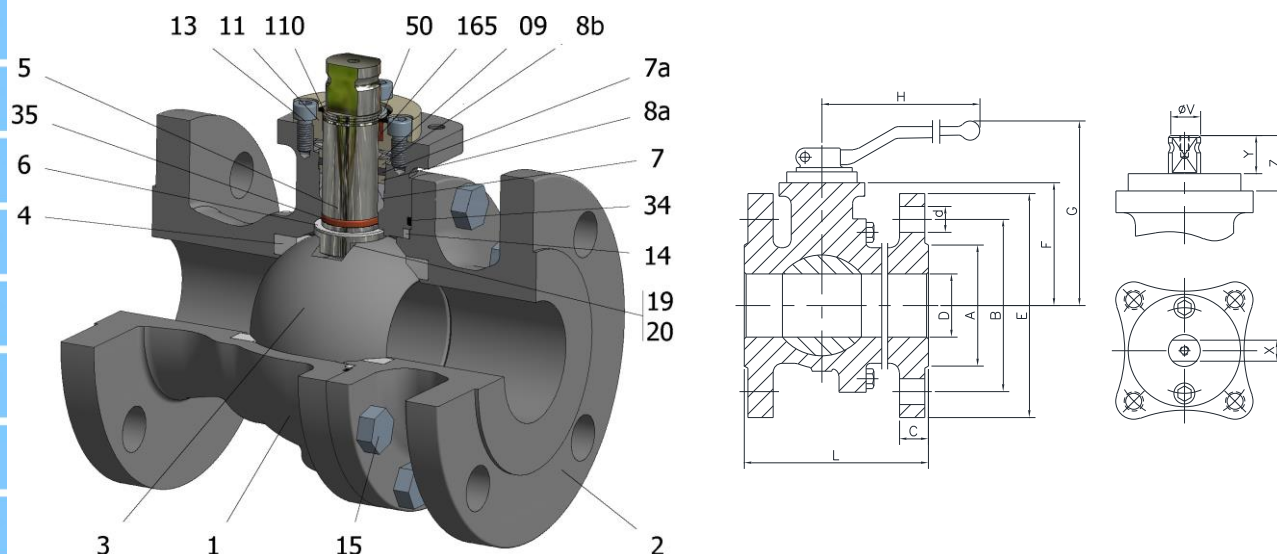


FIG.Z 16 TTTGV CL150 1/2"-8"



Position	Description	Material
01	Body 1	S.S. A351 CF8M
02	Body 2	S.S. A351 CF8M
03	Ball	S.S. A351 CF8M
04	Seat	PTFE (modified)
05	Stem	S.S. AISI 316
06	Stem seal	PTFE (modified)+FG
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
11	Cover	S.S. A351 CF8M
13	Cover bolt	S.S. (316)
14	Body seal 1	PTFE (modified)
15	Body bolt	A193 B8M
16	Handle	CB/CF8M+ZINC PLATE
17	Handle bolt	S.S. (316)/1.045(8.8)
19	Spring	S.S. AISI 316
20	Antistatic ball	S.S. AISI 316
34	Body seal 2	Graphite
35	Stem O ring	FKM
50	Subjection ring	S.S. AISI 420
110	Subjection ring seal	S.S. AISI 316 Nitrided
165	Stem bearing	PTFE (modified)+FG

General features

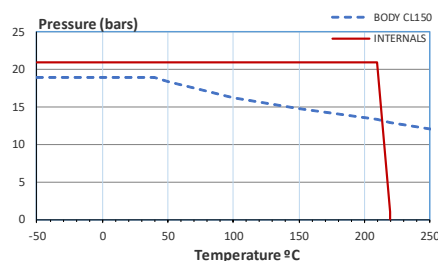
Floating ball
Split body
Full bore
Soft seat
Bidirectional
Anti Blow out proof stem
Autoadjustable packing
Anti static device
Self-cavity pressure relief

Standards

Top flange ISO 5211
Flanges ANSI B16.5
Face to face ANSI B16.10
Testing API 598, API 6D, BS 6755-1
Design API 6D, B16.34
Materials according to NACE MR0175

Official approvals

PED 2014/68/EU
API 6D.
ATEX 2014/34/EU
EN 161/EN ISO 23553-1
TA-LUFT VDI 2440
CERTIFICATE FIRE SAFE
SIL 3 CAPABLE
ISO 15848-1



PEKOS GROUP CERTIFICATES:

ISO 9001: 2015 / 2014/68/EU /API-6D



DIMENSIONS & Technical information

NPS	CL	D	L	E	A	B	C	F	H	G	V	X	Y	Z	n x d	ISO 5211	Torque	MAST	Weight
1/2"	150	15	108	90	35	60	11	45	185	106	14	11	11	13,5	4 x 16	F05	9	42	2
3/4"	150	20	117	100	43	70	12	47	185	108	14	11	11	13,5	4 x 16	F05	11	42	3
1"	150	25	127	110	51	79	14	52	185	113	18	14	17	19,5	4 x 16	F05	16	92	4
1 1/2"	150	40	165	125	73	98	16	75	293	145	22	17	20	30	4 x 16	F07	32	244	7
2"	150	50	178	150	92	121	17	83	293	153	22	17	20	30	4 x 19	F07	48	244	10
2 1/2"	150	65	190	180	105	140	19	96	293	166	22	17	20	30	4 x 19	F07	62	244	17
3"	150	80	203	190	127	152	21	113	450	199	28	22	22	40	4 x 19	F10	103	510	22
4"	150	100	229	230	157	191	25	128	450	221	28	22	22	40	8 x 19	F10	145	510	32
6"	150	150	394	280	216	241	27	176	740	285	36	27	35	50	8 x 22	F12	400	1047	81
8"	150	201	457	345	270	299	30	245	750	354	48	36	40	63	8 x 22	F14	720	2482	143

** 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