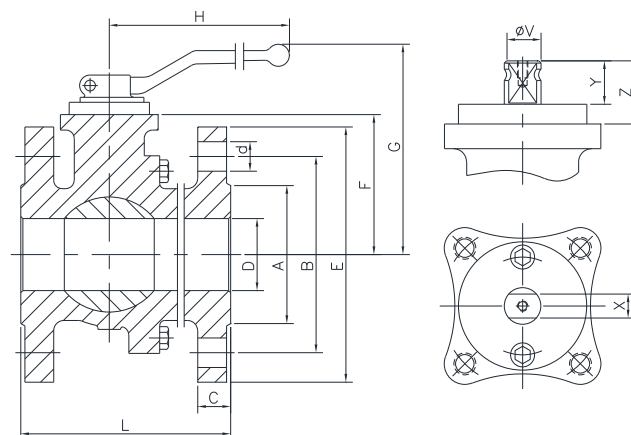
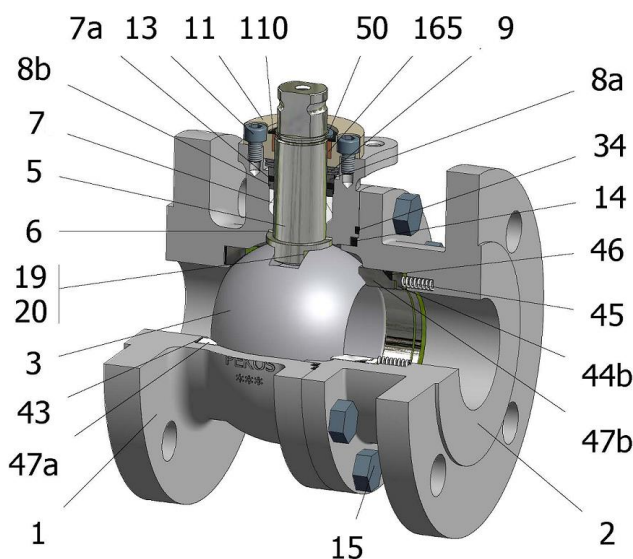


FIG.ZMS 19 CGGG CL150 1/2"-8"



Position	Description	Material
01	Body 1	C.S. A352 LCC
02	Body 2	C.S. A352 LCC
03	Ball	S.S. CF8M+Cr-Carbide
05	Stem	XM-19
06	Stem seal	S.S. AISI 316 Nitrided
07	Stem packing	Graphite
07a	Stem packing 2	Graphite
08a	Gland packing 1	S.S. AISI 316
08b	Gland packing 2	S.S. AISI 316
09	Spring washer	Inconel X718
11	Cover	S.S. AISI 316
13	Cover bolt	S.S. (316)
14	Body seal 1	Graphite
15	Body bolt	A320 L7M
16	Handle	WCB
17	Handle bolt	1.045(8.8)
19	Spring	S.S. AISI 316
20	Antistatic ball	S.S. AISI 316
34	Body seal 2	Graphite
43	Seat seal	Graphite
44b	Ring seat 2	S.S. AISI 316
45	Spring seat	Inconel X750
46	Seat seal	Graphite
47	Metal seat	AISI 316+Cr-Carbide
50	Subjection ring	S.S. AISI 304
110	Subjection ring seal	S.S. AISI 316 Nitrided
165	Stem bearing	Carbongraphite

General features

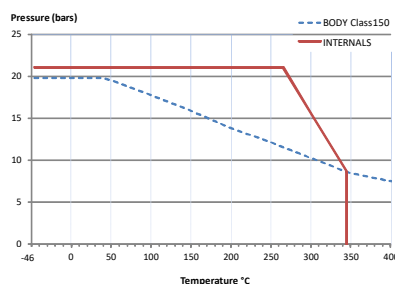
Floating ball.
Split body.
Full bore.
Metal to Metal.
Bidirectional.
Spring loaded seat system.
Anti Blow out proof stem.
Autoadjustable packing.
Anti static device.
Self-cavity pressure relief.

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

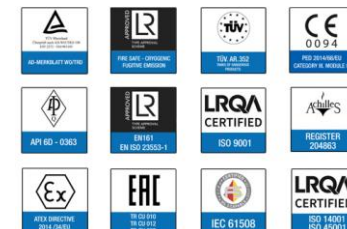
Official approvals

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
1/2"	150	15	108	90	35	60	11	45	185	106	14	11	11	13,5	4 x 16	F05	22	81	2
3/4"	150	20	117	100	43	70	12	47	185	108	14	11	11	13,5	4 x 16	F05	32	81	3
1"	150	25	127	110	51	79	14	52	185	113	18	14	17	19,5	4 x 16	F05	40	175	4
1 1/4"	150	32	140	115	64	89	15	57	185	118	18	14	17	19,5	4 x 16	F05	60	175	6
1 1/2"	150	40	165	125	73	98	16	75	293	145	22	17	20	30	4 x 16	F07	80	464	7
2"	150	50	178	150	92	121	17	83	293	153	22	17	20	30	4 x 19	F07	106	464	10
2 1/2"	150	65	190	180	105	140	19	96	293	166	22	17	20	30	4 x 19	F07	180	464	17
3"	150	80	203	190	127	152	21	113	450	199	28	22	22	40	4 x 19	F10	300	969	22
4"	150	100	229	230	157	191	25	128	450	221	28	22	22	40	8 x 19	F10	360	969	32
6"	150	150	394	280	216	241	27	176	740	285	36	27	35	50	8 x 22	F12	1400	1990	81
8"	150	201	457	345	270	299	30	245	750	354	48	36	40	63	8 x 22	F14	1900	4716	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