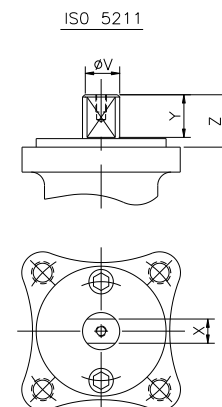
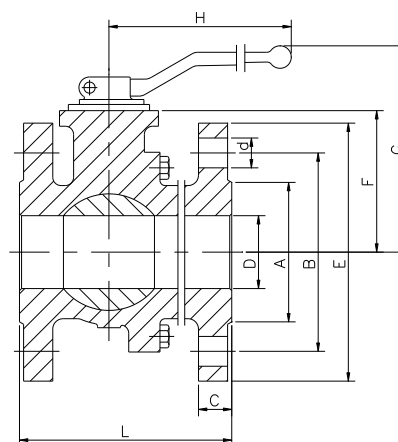
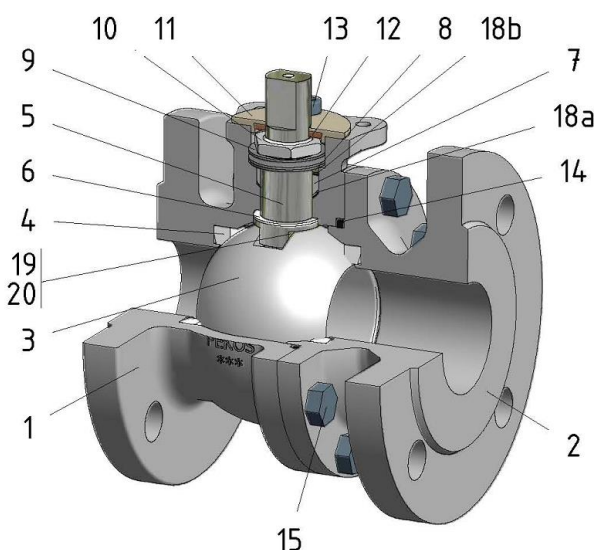


FIG. 02 TTT PN16 DN15/80 F4-F5



Position	Description	Material
01	Body 1	GGG 40
02	Body 2	GGG 40
03	Ball	S.S. 1.4408/CA15
04	Seat	PTFE (modified)
05	Stem	S.S. 1.4021
06	Stem seal	PTFE (modified)+FG
07	Stem packing	PTFE (modified)
08	Gland packing	S.S. 1.4401
09	Spring washer	S.S. 1.4310
10	Stem nut	S.S. 1.4305
11	Cover	S.S. 1.4408
12	Cover ring	PTFE (modified)
13	Cover bolt	A4-70
14	Body seal 1	PTFE (modified)
15	Body bolt	1.045(8.8)
16	Handle	WCB
17	Handle bolt	1.045(8.8)
18	Thrust washer	PTFE (modified)+CG
19	Spring	S.S. 1.4401
20	Antistatic ball	S.S. 1.4401

General features

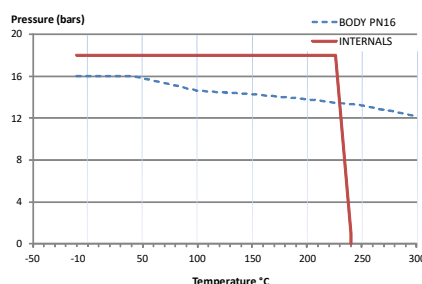
Floating ball.
Split body.
Full bore.
Soft seat.
Bidirectional.
Anti Blow out proof stem.
Autoadjustable packing.
Anti static device.
Self-cavity pressure relief.

Standards

Top flange ISO 5211
Flanges EN 1092-02
Face to face EN 558
Testing EN-12266, ISO 5208
Design EN-12516, ISO 17292

Official approvals

ATEX 2014/34/EU
PED 2014/68/EU
EN 161/EN ISO 23553-1

**PEKOS GROUP CERTIFICATES:**

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

**DIMENSIONS & Technical information**

DN	PN	D	L	E	A	B	C	F	H	G	V	X	Y	Z	n x d	ISO 5211	Torque	MAST	Weight
15	16	15	115	95	45	65	16	52	185	100	12	8	13	16	4 x 14	F05	8	37	3
20	16	20	120	105	58	75	18	54	185	102	12	8	13	16	4 x 14	F05	10	37	4
25	16	25	125	115	68	85	18	60	185	110	16	10	19	22	4 x 14	F05	14	80	5
32	16	32	130	140	78	100	18	65	185	115	16	10	19	22	4 x 18	F05	21	80	6
40	16	40	140	150	88	110	18	75	293	129	20	14	22	25	4 x 18	F07	31	175	8
50	16	50	150	165	102	125	20	83	293	137	20	14	22	25	4 x 18	F07	46	175	11
65	16	65	170	185	122	145	18	96	293	150	20	14	22	25	4 x 18	F07	55	175	16
80	16	80	180	200	138	160	20	114	450	187	25	19	24	27	8 x 18	F10	85	363	22

** 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

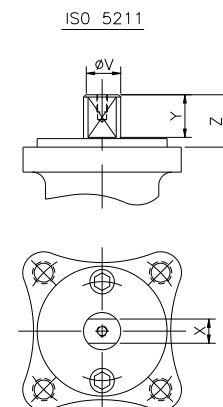
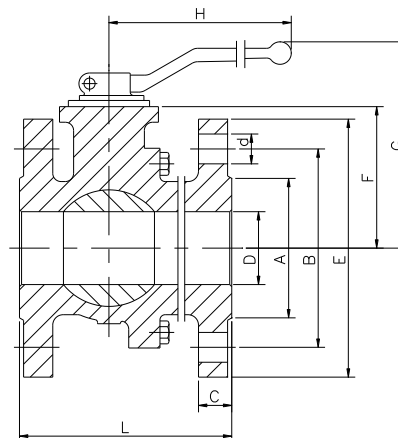
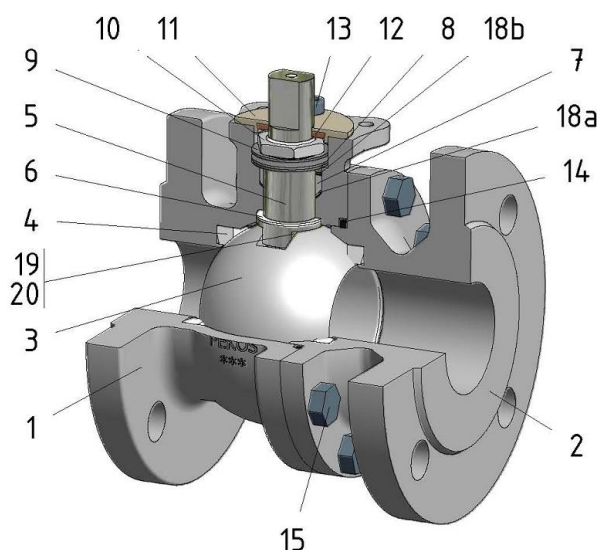
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FIG. 02 RRR PN16 DN15/200 F4-F5



Position	Description	Material
01	Body 1	GGG 40
02	Body 2	GGG 40
03	Ball	S.S. 1.4408/CA15
04	Seat	PTFE (modified)+FG
05	Stem	S.S. 1.4021
06	Stem seal	PTFE (modified)+FG
07	Stem packing	PTFE (modified)+FG
08	Gland packing	S.S. 1.4401
09	Spring washer	S.S. 1.4310
10	Stem nut	S.S. 1.4305
11	Cover	S.S. 1.4408
12	Cover ring	PTFE (modified)
13	Cover bolt	A4-70
14	Body seal 1	PTFE (modified)+FG
15	Body bolt	1.045(8.8)
16	Handle	WCB
17	Handle bolt	1.045(8.8)
18	Thrust washer	PTFE (modified)+CG
19	Spring	S.S. 1.4401
20	Antistatic ball	S.S. 1.4401

General features

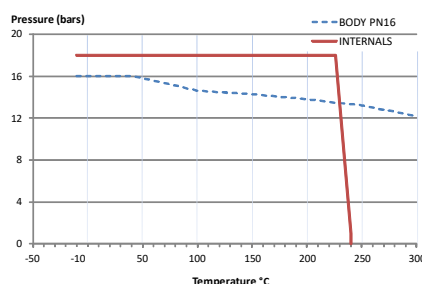
Floating ball.
Split body.
Full bore.
Soft seat.
Bidirectional.
Anti Blow out proof stem.
Autoadjustable packing.
Anti static device.
Self-cavity pressure relief.

Standards

Top flange ISO 5211
Flanges EN 1092-02
Face to face EN 558
Testing EN-12266, ISO 5208
Design EN-12516, ISO 17292

Official approvals

ATEX 2014/34/EU
PED 2014/68/EU
EN 161/EN ISO 23553-1



PEKOS GROUP CERTIFICATES:

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



DIMENSIONS & Technical information

DN	PN	D	L	E	A	B	C	F	H	G	V	X	Y	Z	n x d	ISO 5211	Torque	MAST	Weight
15	16	15	115	95	45	65	16	52	185	100	12	8	13	16	4 x 14	F05	10	37	3
20	16	20	120	105	58	75	18	54	185	102	12	8	13	16	4 x 14	F05	12	37	4
25	16	25	125	115	68	85	18	60	185	110	16	10	19	22	4 x 14	F05	17	80	5
32	16	32	130	140	78	100	18	65	185	115	16	10	19	22	4 x 18	F05	25	80	6
40	16	40	140	150	88	110	18	75	293	129	20	14	22	25	4 x 18	F07	37	175	8
50	16	50	150	165	102	125	20	83	293	137	20	14	22	25	4 x 18	F07	55	175	11
65	16	65	170	185	122	145	18	96	293	150	20	14	22	25	4 x 18	F07	66	175	16
80	16	80	180	200	138	160	20	114	450	187	25	19	24	27	8 x 18	F10	102	363	22
100	16	100	190	220	158	180	20	128	450	201	25	19	24	27	8 x 18	F10	132	363	27
125	16	125	325	250	188	210	22	158	680	247	34	26	35	38	8 x 18	F12	288	917	56
150	16	150	350	285	212	240	22	175	680	264	34	26	35	38	8 x 22	F12	456	917	77
200	16	201	400	340	268	295	24	245	750	334	42	32	40	43	12 x 22	F14	648	1724	134

** Depending on service conditions.

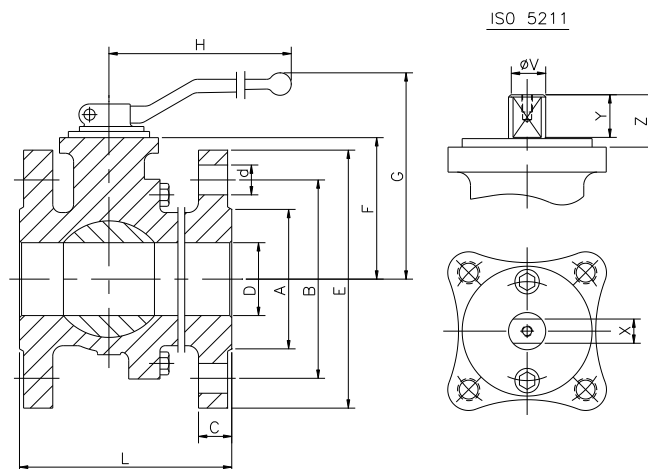
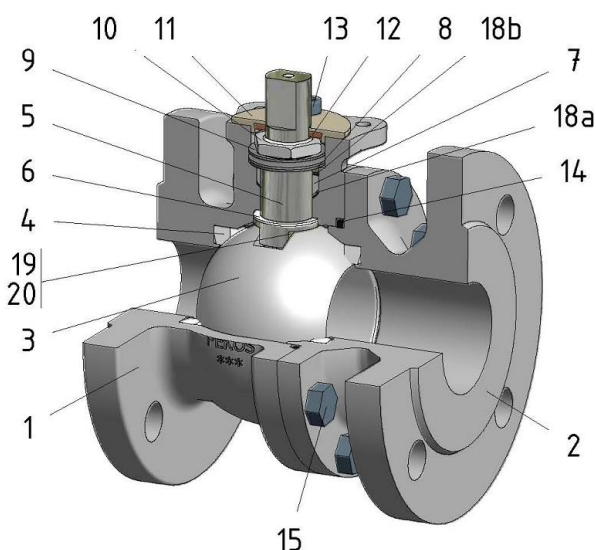
* Dimensions are in mm.

* Torque & MAST are in Nm.

* Weight is in Kilograms

* Torque values have been measured ΔP at maximum rating at room temperature

FIG. 02 SSS PN16 DN15-200 F4-F5



Position	Description	Material
01	Body 1	GGG 40
02	Body 2	GGG 40
03	Ball	S.S. 1.4408/CA15
04	Seat	PTFE (modified)+CG
05	Stem	S.S. 1.4021
06	Stem seal	PTFE (modified)+CG
07	Stem packing 1	PTFE (modified)+CG
08	Gland packing	S.S. 1.4401
09	Spring washer	S.S. 1.4310
10	Stem nut	S.S. 1.4305
11	Cover	S.S. 1.4408
12	Cover ring	PTFE (modified)
13	Cover bolt	A4-70
14	Body seal 1	PTFE (modified)+CG
15	Body bolt	1.045(8.8)
16	Handle	A351 CF8M/WCB
17	Handle bolt	S.S. (304)/1.045(8.8)
18	Thrust washer	PTFE (modified)+CG
19	Spring	S.S. 1.4401
20	Antistatic ball	S.S. 1.4401

General features

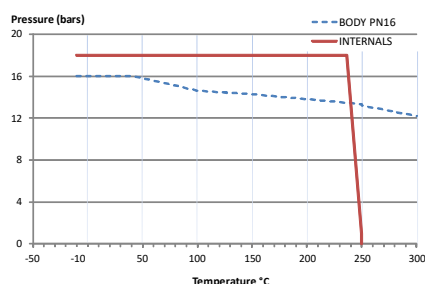
Floating ball.
Split body.
Full bore.
Soft seat.
Bidirectional.
Anti Blow out proof stem.
Autoadjustable packing.
Anti static device.
Self-cavity pressure relief.

Standards

Top flange ISO 5211
Flanges EN 1092-02
Face to face EN 558
Testing EN-12266, ISO 5208
Design EN-12516, ISO 17292

Official approvals

TÜV.AD-MERKBLATT A4
TA-LUFT VDI 2440
ISO 15848-1
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	PN	D	L	E	A	B	C	F	H	G	V	X	Y	Z	n x d	ISO 5211	Torque	MAST	Weight
15	16	15	115	95	45	65	16	52	185	100	12	8	13	16	4 x 14	F05	10	37	3
20	16	20	120	105	58	75	18	54	185	102	12	8	13	16	4 x 14	F05	12	37	4
25	16	25	125	115	68	85	18	60	185	110	16	10	19	22	4 x 14	F05	17	80	5
32	16	32	130	140	78	100	18	65	185	115	16	10	19	22	4 x 18	F05	25	80	6
40	16	40	140	150	88	110	18	75	293	129	20	14	22	25	4 x 18	F07	37	175	8
50	16	50	150	165	102	125	20	83	293	137	20	14	22	25	4 x 18	F07	55	175	11
65	16	65	170	185	122	145	18	96	293	150	20	14	22	25	4 x 18	F07	66	175	16
80	16	80	180	200	138	160	20	114	450	187	25	19	24	27	8 x 18	F10	102	363	22
100	16	100	190	220	158	180	20	128	450	201	25	19	24	27	8 x 18	F10	132	363	27
125	16	125	325	250	188	210	22	158	680	247	34	26	35	38	8 x 18	F12	288	917	56
150	16	150	350	285	212	240	22	175	680	264	34	26	35	38	8 x 22	F12	456	917	77
200	16	201	400	340	268	295	24	245	750	334	42	32	40	43	12 x 22	F14	648	1724	134

** Depending on service conditions.

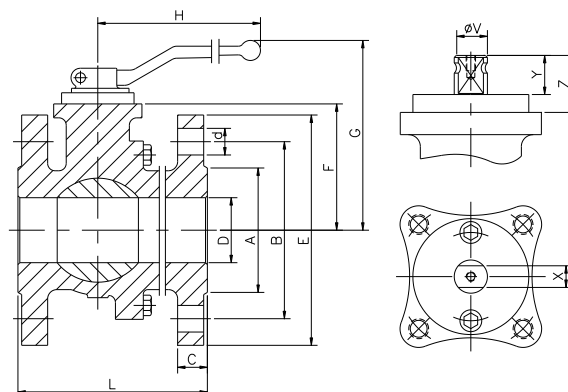
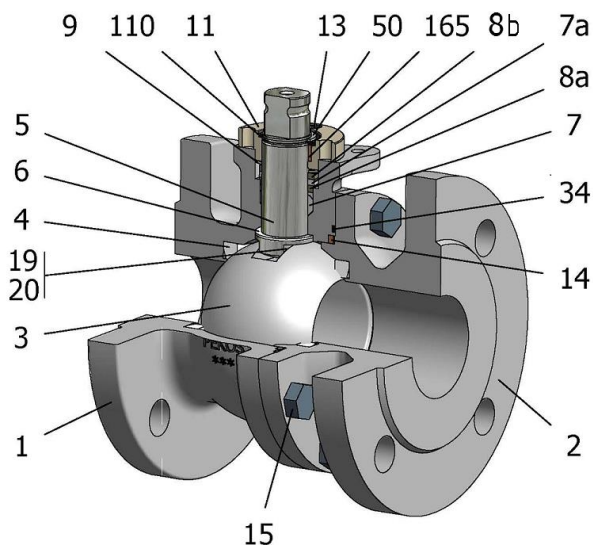
* Dimensions are in mm.

* Torque & MAST are in Nm.

* Weight is in Kilograms

* Torque values have been measured ΔP at maximum rating at room temperature

FIG.Z 02 TTTG PN16 DN125/200 F4-F5



Position	Description	Material
01	Body 1	GGG 40
02	Body 2	GGG 40
03	Ball	CA15
04	Seat	PTFE (modified)
05	Stem	S.S. 1.4021
06	Stem seal	PTFE (modified)+FG
07	Stem packing 1	PTFE (modified)
07a	Stem packing 2	Graphite
08a	Gland packing 1	S.S. 1.4401
08a	Gland packing 2	S.S. 1.4401
09	Spring washer	S.S. 1.4310
11	Cover	S.S. 1.4408
13	Cover bolt	A4-70
14	Body seal 1	PTFE (modified)
15	Body bolt	A2-70
16	Handle	WCB
17	Handle bolt	1.045(8.8)
19	Spring	S.S. 1.4401
20	Antistatic ball	S.S. 1.4401
34	Body seal 2	Graphite
50	Subjection ring	S.S. 1.4021
110	Subjection ring seal	S.S. 1.4401 Nitrided
165	Stem bearing	PTFE (modified)+FG

General features

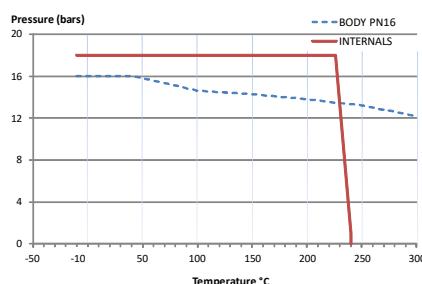
Floating ball.
Split body.
Full bore.
Soft seat.
Bidirectional.
Anti Blow out proof stem.
Autoadjustable packing.
Anti static device.
Self-cavity pressure relief.

Standards

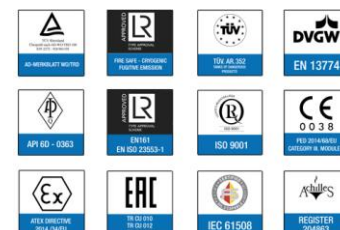
Top flange ISO 5211
Flanges EN 1092-02
Face to face EN 558
Testing EN-12266, ISO 5208
Design EN-12516, ISO 17292

Official approvals

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

**PEKOS GROUP CERTIFICATES:**

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

**DIMENSIONS & Technical information**

DN	PN	D	L	E	A	B	C	F	H	G	V	X	Y	Z	n x d	ISO 5211	Torque	MAST	Weight
125	16	125	325	250	188	210	22	158	740	267	36	27	35	50	8 x 18	F12	240	1728	56
150	16	150	350	285	212	240	22	175	740	284	36	27	35	50	8 x 22	F12	380	1728	75
200	16	201	400	340	268	295	24	245	750	362	48	36	40	63	12 x 22	F14	540	4096	134

** 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

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