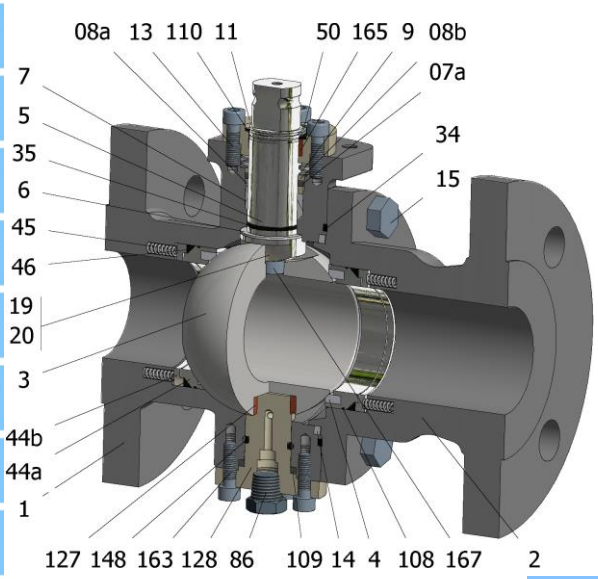
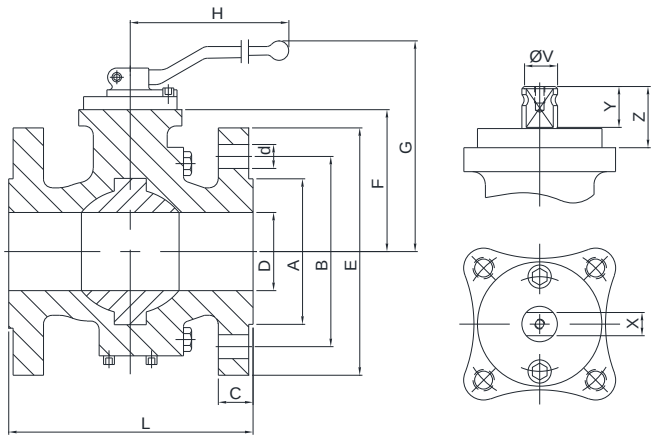
FIG.ZGS 24 SSSGV PN16 DN50-100 F1

DS-2425
Rev.5
For Reference ☑
For Approval ☐





Position	Description	Material
01	Body 1	C.S. 1.0352
02	Body 2	C.S. 1.0352
03	Ball	S.S. 1.4408
04	Seat	PTFE (modified)+CG
05	Stem	D.S.S. 1.4462
06	Stem seal	PTFE (modified)+CG
07	Stem packing	PTFE (modified)+CG
07a	Stem packing 2	Graphite
08a	Gland packing 1	S.S. 1.4401
08b	Gland packing 2	S.S. 1.4401
09	Spring washer	S.S. 1.4310
11	Cover	S.S. 1.4401
13	Cover bolt	A4-70
14	Body seal 1	PTFE (modified)+CG
15	Body bolt	A2-70
16	Handle	WCB
17	Handle bolt	1.045(8.8)
19	Spring washer	Inconel X750
20	Antistatic ball	Inconel 625
34	Body seal 2	Graphite
35	O ring stem	FKM
44a	Ring seat 1	S.S. 1.4401
44b	Ring seat 2	S.S. 1.4401
45	Spring seat	Inconel X750
46	Seat seal	Graphite
50	Subjection ring	S.S. 1.4301
86	Drain plug	S.S. 1.4401
86a	Vent plug	S.S. 1.4401
108	O ring seat	FKM
109	Cover seal	Graphite
110	Subjection ring seal	S.S. 1.4401 Nitrided
127	Stem bearing	MU
128	Body cover 2	C.S. 1.0352
148	O ring cover	FKM
163	Body cover 2 bolt	A4-70
165	Stem bearing	PTFE (modified)+CG
167	Stem guide bolt	A2-70 Nitrided

General features

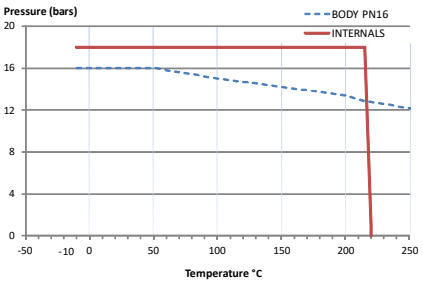
Full trunnion.
Split body.
Full bore.
Soft seat.
Bidirectional.
Spring loaded seat system.
Anti Blow out proof stem.
Autoadjustable packing.
Anti static device.
Self-cavity pressure relief.
Double Block and Bleed.

Standards

Top flange ISO 5211
Flanges EN 1092-01
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



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
50	16	50	230	165	102	125	18	84	293	154	22	17	20	30	4 x 18	F07	59	550	10
80	16	80	310	200	138	160	20	114	450	207	28	22	22	40	8 x 18	F10	142	1147	22
100	16	100	350	220	158	180	20	128	450	221	28	22	22	40	8 x 18	F10	241	1147	32

*** 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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-The contents of this document are subject to change without prior notice due to the continuous development processes.