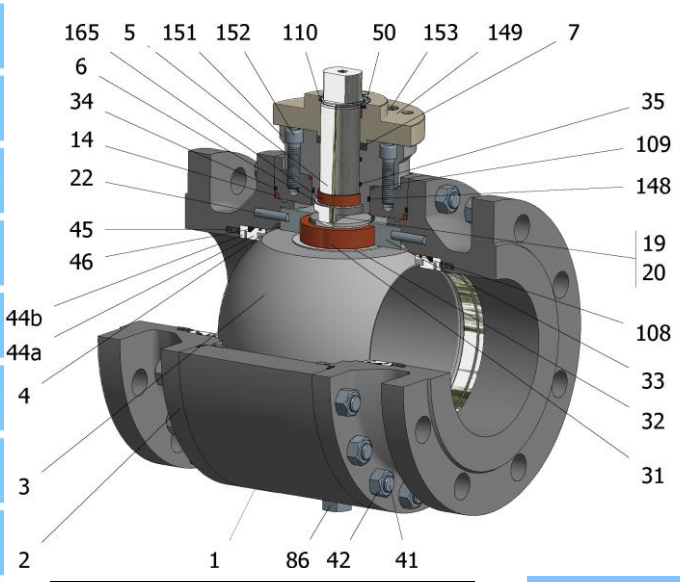
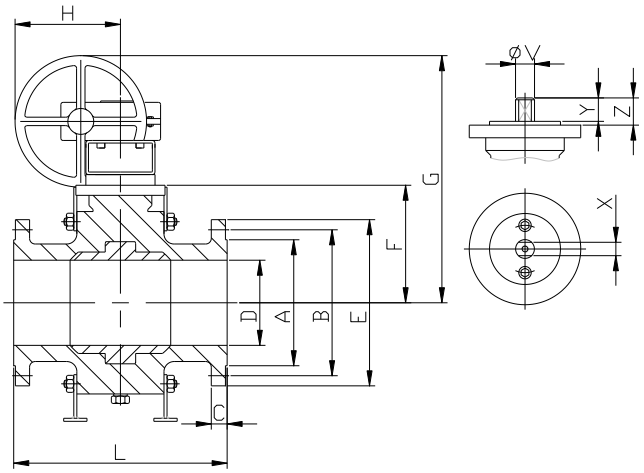
FIG.GKS 24 SGSGV PN16 DN150/600 F1

DS-1146
Rev.6
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 1	Graphite
14	Body seal 1	PTFE (modified)+CG
19	Spring	Inconel X750
20	Antistatic ball	Inconel 625
22	Stop pin	S.S. 1.4401
31	Bearing	MU
32	Bearing disk	PTFE (modified)+FG
33	Support bearing	S275JR+ENP
34	Body seal 2	Graphite
35	O ring stem	FKM
41	Stud	A2-70
42	Nut	A2-70
44a	Ring seat 1	S.S. 1.4401
44b	Ring seat 2	S.S. 1.4401
45	Spring	Inconel X750
46	Seat seal	Graphite
50	Subjection ring	S.S. 1.4301
86	Drain plug	C.S. A350 LF2
86a	Vent plug	C.S. A350 LF2
108	O ring seat	FKM
109	Cover seal	Graphite
110	Subjection ring seal	S.S. 1.4401 Nitrided
148	O ring cover	FKM
149	ISO cover	C.S. 1.0460
151	Body cover 1	C.S. 1.0460
152	Body cover bolt	A4-70
153	ISO cover bolt	A4-70
165	Stem bearing	PTFE (modified)+FG

General features

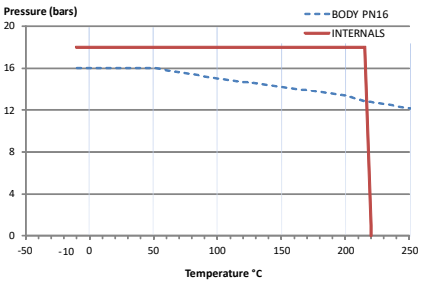
Full trunnion.
Three pieces.
Full bore.
Soft seat.
Bidirectional.
Spring loaded seat system.
Anti Blow out proof stem.
Self-cavity pressure relief.
Anti Blow out proof stem.
Double Block and Bleed.

Standards

Top flange ISO 5211
Flanges EN 1092-01
Face to face EN-12982
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
150	16	150	480	285	212	240	22	210	271	541	36	27	35	50	8 x 22	F12	415	2356	128
200	16	201	600	340	268	295	24	265	336	647	48	36	40	63	12 x 22	F14	645	5585	220
250	16	252	730	405	320	355	26	301	336	683	48	36	40	63	12 x 26	F14	875	5585	425
300	16	303	850	460	378	410	28	374	355	792	60	46	60	73	12 x 26	F16	1090	11084	565
350	16	334	980	520	438	470	30	406	355	824	60	46	60	73	16 x 26	F16	1845	11084	760
400	16	385	1100	580	490	525	32	440	511	915	60	46	60	73	16 x 30	F16	2490	11084	980
450	16	436	1200	640	550	585	34	487	561	1072	72	55	70	83	20 x 30	F25	3315	19103	1870
500	16	487	1250	715	610	650	36	534	613	1123	72	55	70	83	20 x 33	F25	4100	19103	2310
600	16	589	1450	840	725	770	40	610	613	1219	98	75	100	106	20 x 36	F30	5720	48235	3870

*** 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.