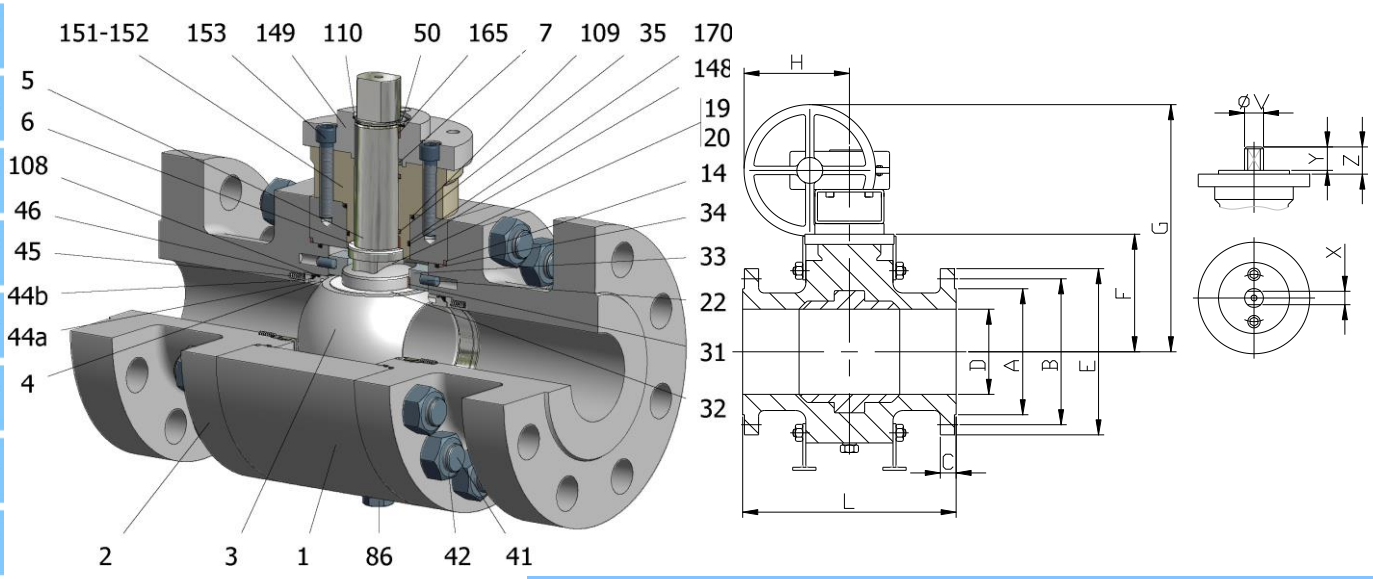
FIG.GKS 24 NGGVV PN250 DN50-300 S55/F2

DS-1893
Rev.6
For Reference ☑
For Approval ☐

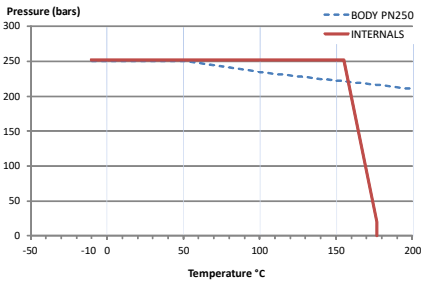


Position	Description	Material
01	Body 1	C.S. 1.0352
02	Body 2	C.S. 1.0352
03	Ball	D.S.S. 1.4462
04	Seat	DEVLON V
05	Stem	D.S.S. 1.4462
06	Stem seal	PEEK
07	Stem packing	Graphite
14	Body seal 1	Graphite
19	Spring	Inconel X750
20	Antistatic ball	Inconel 625
22	Stop pin	S.S. 1.4401
31	Bearing	MU
32	Bearing disk	PTFE (modified)+FG
33	Support bearing	S275JR+ENP
34	Body seal 2	FKM AED
35	O ring stem	FKM AED
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 seat	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 AED
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
170	O stop seal	PTFE (modified)+CG

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

Standards
Top flange ISO 5211
Flanges EN 1092-01
Face to face EN 558
Design EN-12516, ISO 17292
Testing EN-12266, ISO 5208

Official approvals
CERTIFICATE FIRE SAFE
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	250	50	300	200	102	150	38	127	200	385	28	22	22	40	8 x 26	F10	220	1147	46
65	250	65	340	230	122	180	42	135	200	393	28	22	22	40	8 x 26	F10	420	1147	76
80	250	80	470	255	138	200	46	175	271	496	36	27	35	50	8 x 30	F12	620	2356	102
100	250	100	546	300	162	235	54	200	336	582	36	27	35	44	8 x 33	F14-1	960	2356	169
150	250	150	705	390	218	320	68	257	430	612	48	36	40	63	12 x 36	F16-1	2350	5585	360
200	250	200	650	485	285	400	82	333	430	688	72	55	70	83	12 x 42	F25	3660	19103	605
250	250	250	991	585	345	490	100	379	532	788	72	55	70	83	16 x 48	F25	4610	19103	895
300	250	300	1130	690	-	590	120	442	532	851	72	55	70	83	16 x 52	F25	5420	19103	1230

*** 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.