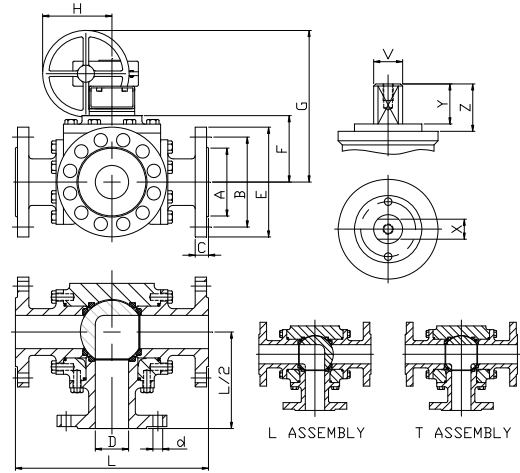
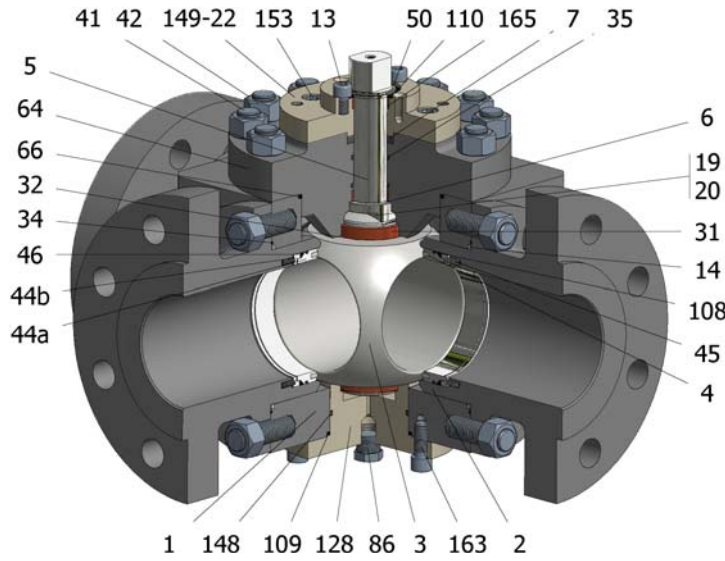


FIG.GS 86 TGTGV PN40 DN50-300 L/T



Position	Description	Material
01	Body 1	S.S. 1.4408
02	Body 2	S.S. 1.4408
03	Ball	S.S. 1.4408
04	Seat	PTFE
05	Stem	D.S.S. 1.4462
06	Stem seal	PTFE+FG
07	Stem packing 1	Graphite
13	Cover bolt	A4-70
14	Body seal 1	PTFE
19	Spring	Inconel X750
20	Antistatic ball	Inconel 625
22	Stop pin	S.S. 1.4401
31	Bearing	MU-316
32	Bearing disk	PTFE+FG
34	Body seal 2	Graphite
35	O ring stem	FKM
41	Stud	A4-70
42	Nut	A4-70
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. 1.4021
64	Body cover	S.S. 1.4408
65	Body blind	S.S. 1.4408
66	Body cover seal	PTFE+CG
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
128	Body cover 2	S.S. 1.4401
148	O ring cover	FKM
149	ISO cover	S.S. 1.4401
153	ISO cover bolt	A4-70
163	Body cover 2 bolt	A4-70

General features

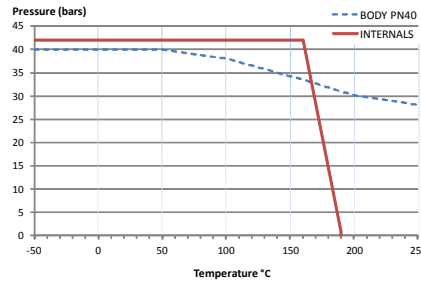
- Fire Safe Design
- Full trunnion.
- Three way.
- Full bore.
- Soft seat.
- Bidirectional.
- Spring loaded seat system.
- Anti Blow out proof stem.
- Anti static device.
- Self-cavity pressure relief.
- Double Block and Bleed.

Standards

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

Official approvals

- TA-LUFT VDI 2440
- ISO 15848-1
- ATEX 2014/34/EU
- PED 2014/68/EU
- SIL 3 CAPABLE



PEKOS GROUP CERTIFICATES:
ISO 9001-2008 / 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	40	50	300	165	102	125	20	103	200	361	22	17	20	30	4 x 18	F07	146	549,6	-
80	40	75	380	200	138	160	24	153	200	411	28	22	22	40	8 x 18	F10	362	1146,9	-
100	40	100	430	235	162	190	24	175	271	506	28	22	22	40	8 x 22	F10	588	1146,9	-
150	40	150	550	300	218	250	28	244	336	626	36	27	35	50	8 x 26	F12	1188	2356,2	-
200	40	201	650	375	285	320	34	274	355	692	48	36	40	63	12 x 30	F14	1860	5585,0	-
250	40	252	775	450	345	385	38	372	430	847	48	36	40	63	12 x 33	F14	2424	5585,0	-
300	40	303	850	515	410	450	42	397	430	932	60	46	60	73	16 x 33	F16	2940	11084,1	-
350	40	337	980	580	465	510	46	393	532	982	60	46	60	73	16 x 36	F16	4998	11084,1	-

** Depending on service conditions. * Dimensions are in mm. * Torque & MAST are in Nm. * Weight is in Kilogram
* Torque values have been measured ΔP at maximum rating at room temperature

DS-3963
Rev.2