

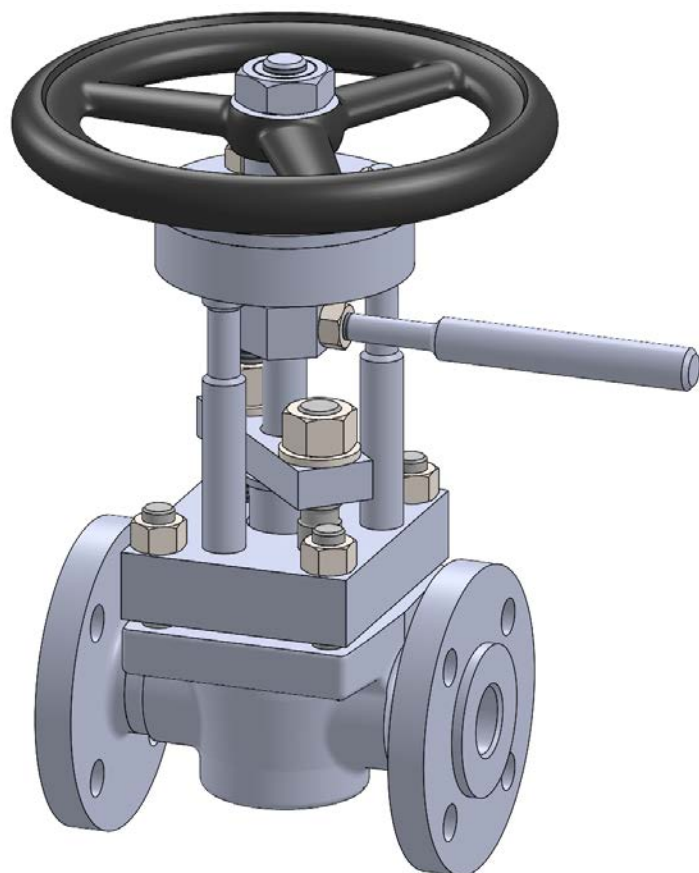


PHÖNIX

STRACK

DAUME
REGELARMATUREN

S/P Solent & Pratt
Phoenix Ltd



Liftplug Valve

Type S50

PN 100

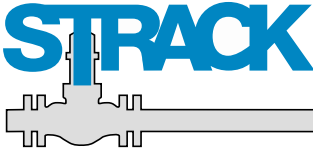
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Metal Seated Liftplug Valve



Model S50

Straight Way

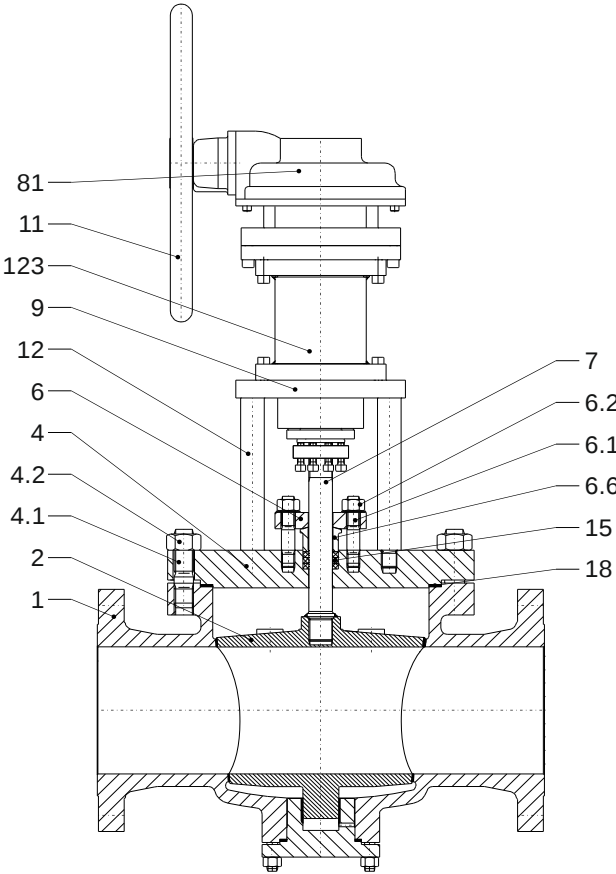
Standard Materials of Construction

Options

Other materials per customer requirements are available!

Notes

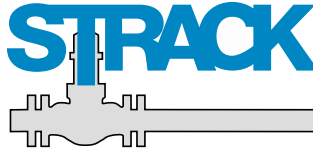
STRACK reserves the right to change product design and specification without notice!



Materials

Item	Part Name	Carbon steel	Heat resistant carbon steel		Stainless steel
		-10°C up to 400°C up to 750°F	-10°C up to 550°C up to 1020°F	-10°C up to 650°C up to 1200°F	-200°C up to 400°C up to 750°F
1	Body	1.0460 / 1.0619	1.7335 / 1.7357	1.7362 / 1.7363	1.4404 / 1.4408
	Seat overlay	1.4370	1.4115	Stellite 21	1.4115
2	Plug	1.4021 / 1.0619	1.7335 / 1.7357	1.7362 / 1.7363	1.4571 / 1.4408
	Overlay	1.4370	1.4115	Stellite 21	-
4	Bonnet	1.0460 / 1.0619	1.7335 / 1.7357	1.7362 / 1.7363	1.4404 / 1.4408
4.1	Stud bolt	1.7709	1.7709	1.4986	A4-70
4.2	Hex. nut	1.7218	1.7218	1.4986	A4-70
6	Gland follower	1.4021	1.4021	1.4922	1.4571
6.1	Stud bolt	1.7709	1.7709	1.4986	A4-70
6.2	Hex. nut	1.7218	1.7218	1.4986	A4-70
6.6	Gland flange	1.0460	1.0460	1.0460	1.4571
7	Stem	1.4021	1.4922	1.4922	1.4571
11	Handwheel	Cast iron	Cast iron	Cast iron	Cast iron
12	Pillar	1.4057	1.4057	1.4057	1.4057
15	Packing	Graphite	Graphite	Graphite	Graphite
18	Gasket	Graphite / stainless steel	Graphite / stainless steel		Graphite / stainless steel
81	Gear	Manufacturer standard	Manufacturer standard		Manufacturer standard
123	Lifto torque operator	Manufacturer standard	Manufacturer standard		Manufacturer standard

Metal Seated Liftplug Valve



Model S50

Straight Way

PN100 Sizes DN15 - DN400

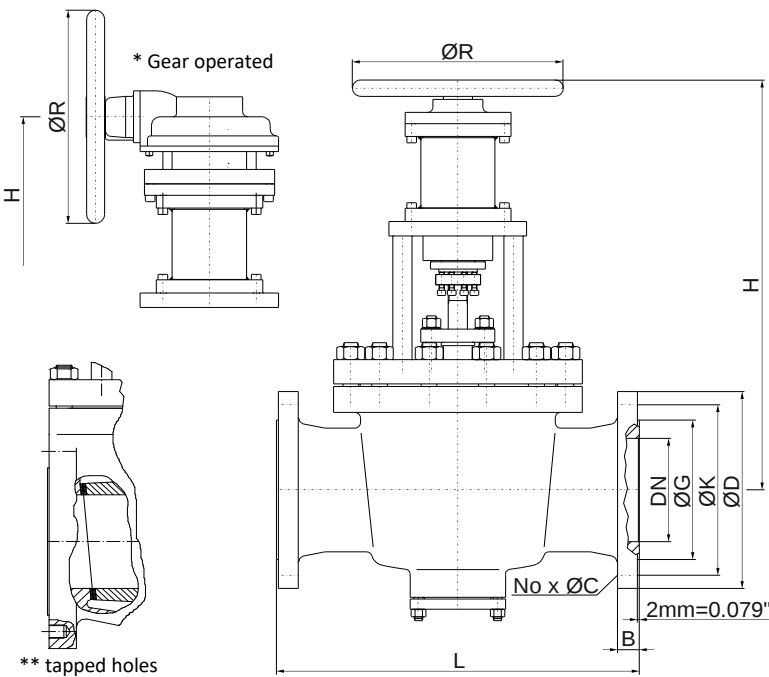
Options

- Other customer specific designs on request

Notes

- Marking acc. to EN19, AD-A4, CE
- Face-to-face dimensions acc. to DIN EN 558-1
- Standard connection flanges acc. to DIN EN 1092-1
- Testing acc. to DIN EN 12266
- Preservation per manufacturer standard

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Dimensions & Weights & Flow Coefficients

DN	Unit	Plug L	Ball L	H	ØR	Flange facing type B1					Weight
						ØG	ØK	No x ØC	ØD	B	
15	[mm] [in]	130 5.12		340 13.39	150 5.91	45 1.77	75 2.95	4 x 14 4 x 0.55	105 4.13	20 0.79	25 kg 55 lbs
20	[mm] [in]	150 5.91		370 14.57	150 5.91	58 2.28	90 3.54	4 x 18 4 x 0.71	130 5.12	22 0.87	27 kg 60 lbs
25	[mm] [in]	160 6.30		370 14.57	200 7.87	68 2.68	100 3.94	4 x 18 4 x 0.71	140 5.51	24 0.94	30 kg 66 lbs
40	[mm] [in]	200 7.87		400 15.75	225 8.86	88 3.46	125 4.92	4 x 22 4 x 0.87	170 6.69	26 1.02	55 kg 121 lbs
50	[mm] [in]	230 9.06		400 15.75	225 8.86	102 4.02	145 5.71	4 x 26 4 x 1.02	195 7.68	28 1.10	70 kg 154 lbs
80	[mm] [in]	310 12.20		480 18.90	250 9.84	138 5.43	180 7.09	8 x 26 8 x 1.02	230 9.06	32 1.26	79 kg 174 lbs
100	[mm] [in]	350 13.78		560 22.05	300 11.81	162 6.38	210 8.27	8 x 30 8 x 1.18	265 10.43	36 1.42	130 kg 287 lbs
150	[mm] [in]	450 17.72		630 24.80	400 15.75	218 8.58	290 11.42	12 x 33 12 x 1.30	355 13.98	44 1.73	265 kg 584 lbs
200	[mm] [in]	550 21.65		790 31.10	500 19.69	285 11.22	360 14.17	12 x 36 12 x 1.42	430 16.93	52 2.05	410 kg 904 lbs
250	[mm] [in]	650 25.59		900 35.43	600 23.62	345 13.58	430 16.93	12 x 39 12 x 1.54	505 19.88	60 2.36	555 kg 1224 lbs
300*	[mm] [in]	750 29.53		1030 40.55	800 31.50	410 16.14	500 19.69	16 x 42 16 x 1.65	585 23.03	68 2.68	800 kg 1764 lbs
350*	[mm] [in]	850 33.46		1080 42.52	1000 39.37	465 18.31	560 22.05	16 x 48 16 x 1.89	655 25.79	74 2.91	1300 kg 2866 lbs
400*	[mm] [in]	950 37.40		1120 44.09	1000 39.37		620 24.41	16 x 48 16 x 1.89	715 28.15		1950 kg 4299 lbs

- other sizes on request

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