



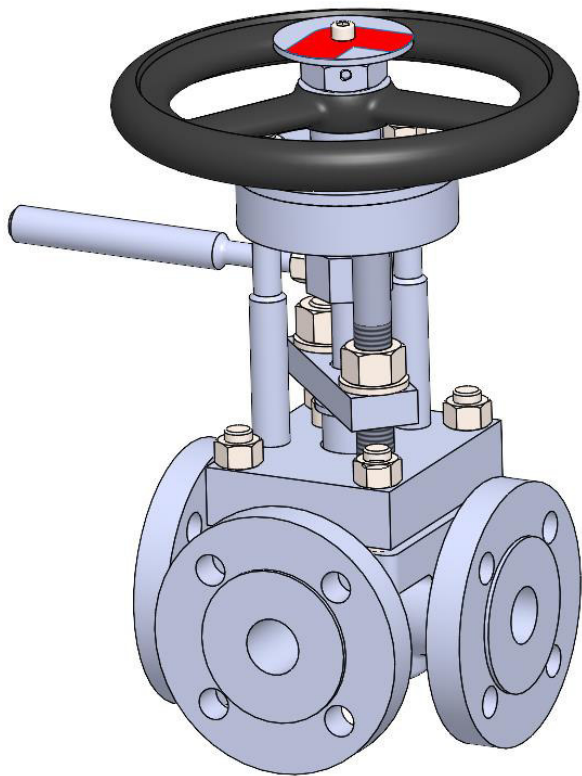
PHÖNIX

STRACK

DAUME
REGELARMATUREN



Solent & Pratt
Phönix Ltd



3-Way Lift Plug Valve Type S51 PN 16 - 40

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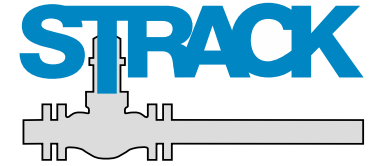


3-Way Liftplug Valve / S51

100% Port / Trunnion Type

DN 80 - 300

PN 16 / 25 / 40



Design

Nonlubricated, metal seated

Flow of the medium is through a circular pipe

Protected sealing surface in OPEN and CLOSE position

No depositor sediment in OPEN or CLOSE position

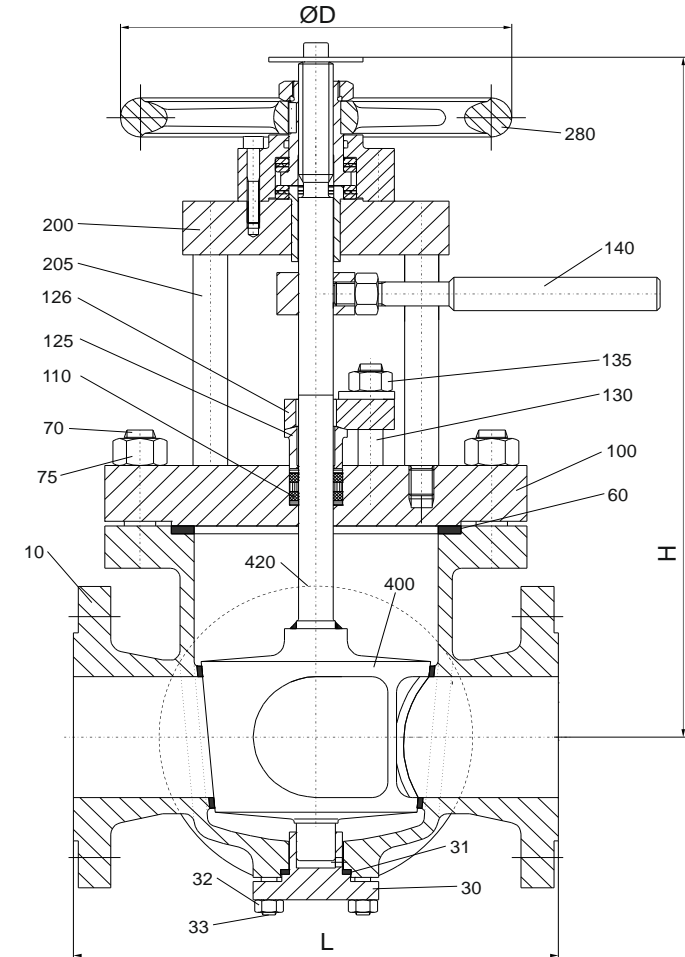
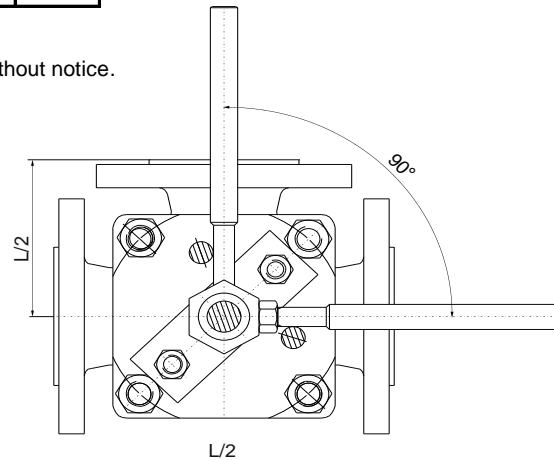
Bi-directional sealing with double block & bleed capability

Double mechanical barrier

Dimensions

PN 16 - 40	Size / DN	80	100	150	200	250	300
	L_{FTF}	310	350	480	600	730	850
	H	380	460	530	690	800	930
	D	250	300	400	500	600	800
	Weight (kg)	80	120	220	400	540	760

PHÖNIX reserves the right to change product design and specification without notice.



3-Way Liftplug Valve / S51 100% Port / Trunnion Type

PN 16 / 25 / 40 DN 80 - 300

Materials



Item	Part name	Heat resistant carbon steel		Heat resistant carbon steel		Heat resistant carbon steel		Stainless steel	
		Material* from -10 up to 400°C	DIN	Material* from -10°C up to 500°C	DIN	Material* from -10°C up to 600°C	DIN	Material* from -200°C up to 400°C	DIN
10	Body	GP240GH	1.0619	G17CrMo5-5	1.7357	G12CrMo19-5	1.7363	GX5CrNiMo19-11-2	1.4408
30	Bottom flange	P250GH	1.0460	13CrMo4-5	1.7335	12CrMo19-5	1.7362	X 2CrNiMo17-12-2	1.4404
31	Bottom gasket	Graphite + S.S.		Graphite + S.S.		Graphite + S.S.		Graphite + S.S.	
33 / 70	Stud bolt	21CrMoV5-7	1.7709	21CrMoV5-7	1.7709	X7CrNiMoNb16-16	1.4986	A4-70	
32 / 75	Hex. nut	25CrMo4	1.7218	24CrMo4	1.7218	X7CrNiMoNb16-16	1.4986	A4-70	
60	Bonnet gasket	Graphite + S.S.		Graphite + S.S.		Graphite + S.S.		Graphite + S.S.	
100	Bonnet	P250GH	1.0460	G17CrMo5-5	1.7357	12CrMo19-5	1.7362	X 2CrNiMo17-12-2	1.4404
		GP240GH	1.0619	13CrMo4-5	1.7335	G12CrMo19-5	1.7363	GX5CrNiMo19-11-2	1.4408
110	Packing	Graphite		Graphite		Graphite		Graphite	
125	Gland	X20Cr13	1.4021	X20Cr13	1.4021	X20CrMoV11-1	1.4922	X6CrNiMoTi17-12-2	1.4571
126	Gland flange	P250GH	1.0460	P250GH	1.0460	13CrMo4-5	1.7335	P250GH	1.0460
130	Stud bolt	21CrMoV5-7	1.7709	21CrMoV5-7	1.7709	X7CrNiMoNb16-16	1.4986	A4-70	
135	Hex. nut	25CrMo4	1.7218	24CrMo4	1.7218	X7CrNiMoNb16-16	1.4986	A4-70	
140	Lever	X20Cr13	1.4021	X20Cr13	1.4021	X20Cr13	1.4021	X20Cr13	1.4021
200	Bridge	P250GH	1.0460	P250GH	1.0460	P250GH	1.0460	X6CrNiMoTi17-12-2	1.4571
205	Pillar	X20Cr13	1.4021	X20Cr13	1.4021	X20Cr13	1.4021	X17CrNi16-2	1.4057
280	Handwheel	EN-GJS-400-15	0.7040	EN-GJS-400-15	0.7040	EN-GJS-400-15	0.7040	EN-GJS-400-15	0.7040
400	Plug	X20Cr13	1.4021	13CrMo4-5	1.7335	12CrMo19-5	1.7362	X6CrNiMoTi17-12-2	1.4571
		GP240GH	1.0619	G17CrMo5-5	1.7357	G12CrMo19-5	1.7363	GX5CrNiMo19-11-2	1.4408
420	Stem	X20Cr13	1.4021	X20CrMoV11-1	1.4922	X20CrMoV11-1	1.4922	X6CrNiMoTi17-12-2	1.4571

Special materials on request.

* Pressure-temperature rating see appendix

Specification

Marking	EN19, AD-A4, CE
Face-to-face dimensions	
Flanged option	DIN EN 558-1 // ≤PN 40 Basic series 1 & ≤PN 100 Basic series 28
Connections	
Flanged option	DIN EN 1092-1 up to PN100 / DIN 2512 and 2548 PN160
Testing standard	AD-2000, DIN 3230 section 3

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Available Trims

Trim N.	Plug seat Surface	Body seat surface
a	13% Cr	17% Cr
b	natural	natural
c	Stellite	Stellite
d	Stellite	natural
e	Monel	Monel
f	Hastelloy	Hastelloy

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Printed in Germany
09/22-R0