

NORI 40 ZYLB/ZYSB – Maintenance-free Bellows Shut-off Valve



Applications:

Thermal oils, steam, gas and other non-aggressive fluids in:

- Heat transfer systems
- Industrial plants and building services
- Shipbuilding
- Other fluids on request

More information:

www.ksb.com/products

NORI 40 ZYSB



NORI 40 ZYLB



NORI 40 ZYLB



NORI 40 FSS

NORI 40 ZYLB/ZYSB – Maintenance-free Bellows Shut-off Valve

1 Reliable sealing

No creeping of the seal thanks to fully confined bonnet gasket

2 Leak-proof and easy to service

Double-walled bellows welded to the stem at the lower end and to the yoke at the upper end.
No vibrations transmitted from valve plug to bellows.
Valve plug easy to replace

3 Long service life and high functional reliability

Valve seat made of wear and corrosion resistant materials

4 Economical

Cast body with optimised flow path.
Excellent zeta values and low pressure loss

5 Space-saving design

Non-rising handwheel

6 Easy to operate

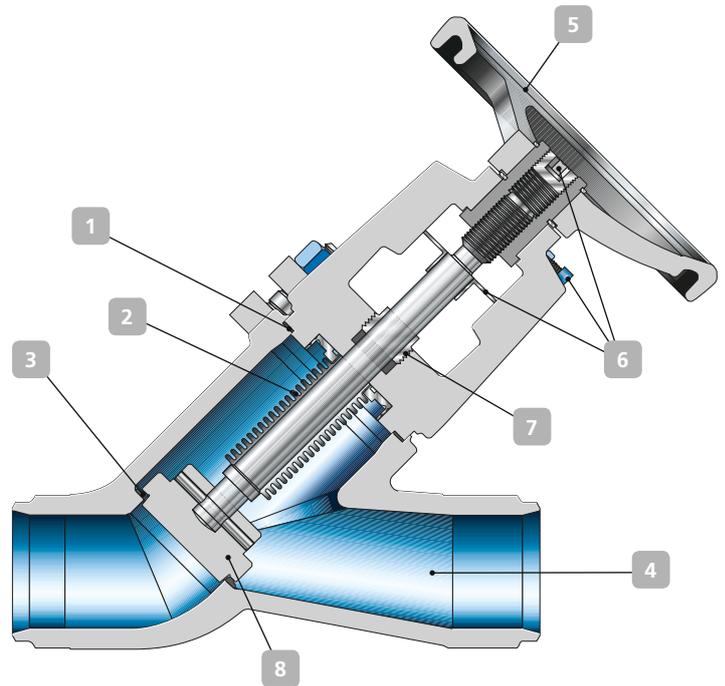
Adjustable travel stop, position indicator and locking device supplied as a standard. Travel stop with internal screw prevents risk of injury.

7 Added safety and easy re-adjustment

due to pure graphite safety gland downstream of the valve, e.g. for heat transfer systems to DIN 4754

8 Single model for shut-off and throttlin

Standard throttling plug up to DN 100.
Reduced number of spares and spare parts stocks



Technical data

Pressure	To DN 150	Up to 40 bar
	From DN 200	Up to 25 bar
Temperature	Up to 450 °C	

Materials

Flanged design	Cast steel GP 240 GH+N
Weld end design	

Pressure/Temperature ratings to EN 1092-1

Nom. pressure	Material	Permissible operating pressures in bar at a temperature of °C ¹⁾								
		RT ²⁾	100	150	200	250	300	350	400	450
PN 25	GP 240 GH+N	25.0	23.2	22.0	20.8	19.0	17.2	16.0	14.8	8.2
PN 40		40.0	37.1	35.2	33.3	30.4	27.6	25.7	23.8	13.1

¹⁾ These valves are suitable for up to -10 °C

²⁾ Temperature (-10 °C to + 50 °C)

Standard variants

Throttling valve plug from DN 125

Pilot plug from DN 125

Other flange designs

Position switch

Studs/hex. nuts in A4-70 (tough at subzero)

Additional type series

NORI 40 FSL/FSS Strainer

NORI 40 RXL/RXS Non-return Valve



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