

Body: EN-GJS-400-18-LT (GGG-40.3), two way form
for heat transfer oil
Pressure range: PN 16
Immersion length acc. to DIN EN 558, basic series 1
Flanges acc. to DIN EN 1092-2 type 21
Spindle sealing: four wall bellow
and safety stuffing box
Internal parts: stainless steel, replaceable seat rings
Flow characteristic: linear
Positioning ratio: 30:1
Leakage: < 0,01% Kvs

Actuator: with integrated manual emergency operation
and load dependent limit switches

Thrust: 12 kN / 152 W (appendix ...f)
15 kN / 152 W (appendix ...h)
20 kN / 206 W (appendix ...i)
25 kN / 206 W (appendix ...k)
Power supply: 230V / 50Hz
Alternatively: 230V / 60Hz (appendix ...f6/...h6/...i6/...k6)
Other voltages: 115V 50/60Hz, 24V 50/60Hz,
24V DC, 400V 3Ph. on request
Motor rating standard acc. to DIN EN 60034-1: S4 – 30% – 600 c/h
Protection class acc. to DIN EN 60529: IP65



Accessories, special types:

Add. limit switches load dependent
Add. signal switches travel dependent
Feedback potentiometer
Integrated positioner
Feedback signal 4-20mA / 0-10V
Actuator heater (on request)
Other positioning speed (on request)
Other kvs - values (on request)
Flange drillings acc. to ANSI / JIS (on request)

Order text:

Motor control valve in two way form
EN-GJS-400-18-LT (GGG-40.3), PN16, DN200, Kvs 630
Spindle sealing with bellow
Power supply . . . , closing pressure . . . bar
List-No. 451 420 H . . , accessories . . .

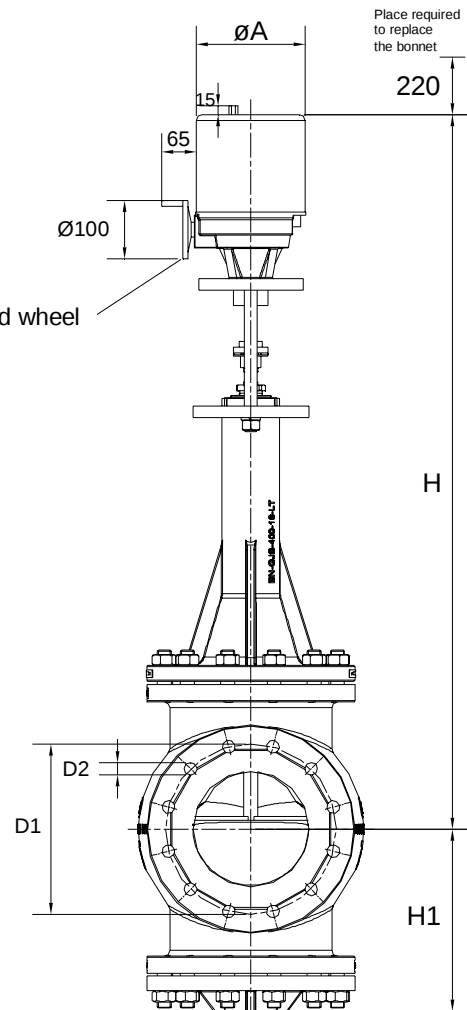
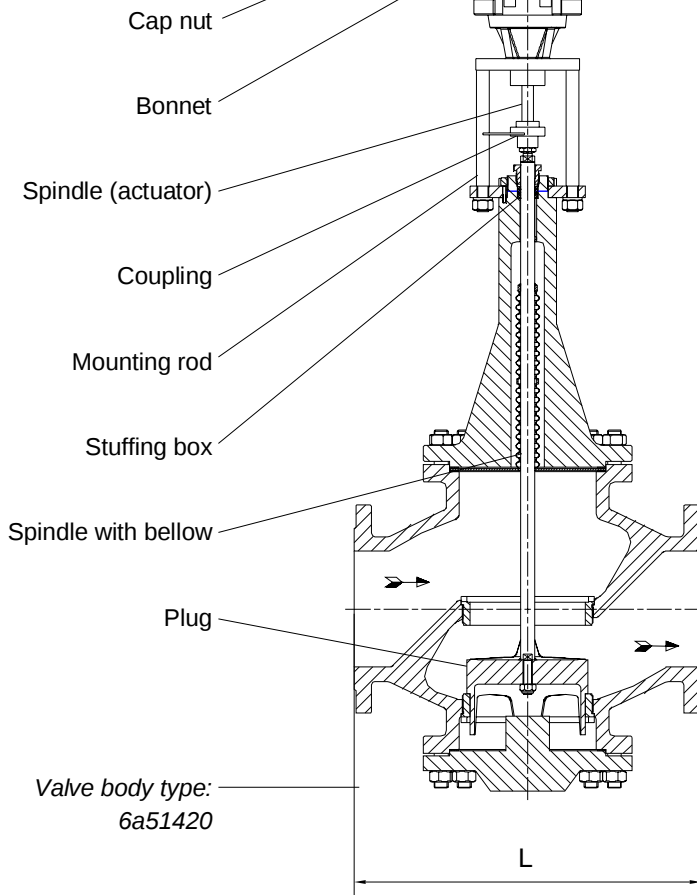
Pressure-temperature ratings acc. to DIN EN 1092-2:

by:	-10...120	150	200	250	300	350	°C
PN 16	16	15,5	14,7	13,9	12,8	11,2	bar

DN	List-No. PN 16	Kvs m³/h	Stroke mm	Pos. time sec	Closing pressure* (bar)			
					12 kN	15kN	20kN	25kN
200	451 420Hf	630	60	72	3,1			
200	451 420Hh	630	60	90		4,0		
200	451 420Hi	630	60	72			5,6	
200	451 420Hk	630	60	72				7,1

* higher closing pressure on request

Actuator type:
12 kN: 4ehf(6)...
15 kN: 4ehh(6)...
20 kN: 4ehi(6)...
25 kN: 4ehk(6)...

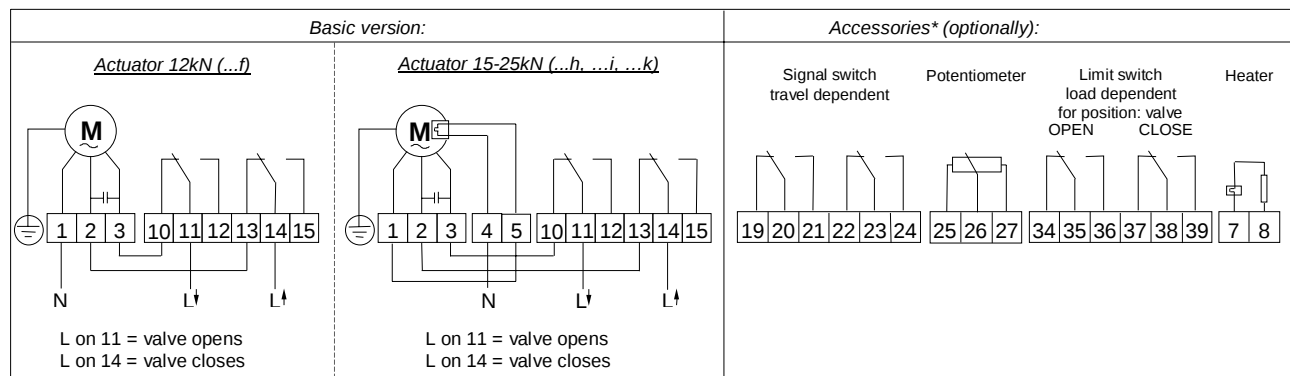


Dimensions

Flange connections acc. to DIN EN 1092-2

DN 200	12-15kN (...f/...h)	20-25kN (...i/...k)	PN	D1	D2	Quantity of screws	Thread
Height H	1240	1315	16	295	22	12	M20
Length H1	315	315					
Length L	600	600					
Weight kg	310	315					
Diameter A	188	216					

Electrical wiring 230 /115 /24 V 50/60 Hz:*



* = for other voltages / accessories see wiring diagrams in operating instruction 4eh80_b.