

EN-GJS-400-18-LT (GGG-40.3), PN 16/25, with reduced Kvs-values

Body: EN-GJS-400-18-LT (GGG-40.3), two way form
for water and steam

Pressure range: PN 16, PN 25

Immersion length acc. to DIN EN 558, basic series 1

Flanges acc. to DIN EN 1092-2 type 21

Spindle sealing: spring-loaded PTFE-V-ring unit

for media temperatures up to 250°C

Alternatively: graphite-packing

for media temperatures up to 350°C

Internal parts: stainless steel, replaceable seat rings

Flow characteristic: equal percentage

Positioning ratio: 50:1

Leakage: < 0,01% Kvs

Actuator: with manual emergency operation
and load dependent limit switches

Thrust: 2000 N

Power input: 12 VA

Alternatively: 4000 N / 28 VA (appendix ...c)

5500 N / 28 VA (appendix ...d)

Power supply: 230V/50...60Hz

Optionally: 115V/50...60Hz, 24V/50...60Hz, 24VDC

Motor rating standard acc. to DIN EN 60034-1: S1 – 100%

Protection class acc. to DIN EN 60529: IP65

Accessories, special types:

Add. limit switches load dependent (see page 49e)

Add. signal switches travel dependent (see page 49w)

Feedback potentiometer (see page 49f)

Integrated positioner (see page 49sr)

Integrated process controller (see page 49r)

Feedback signal 4-20mA / 0-10V

Actuator heater (on request)

Other positioning speed (on request)

Other Kvs- values (on request)

Weld-on ends (on request)

Flange drillings acc. to ANSI / JIS (on request)

Bigger DN (see page 4214/5red2)

Order text:

Motor control valve in two way form

EN-GJS-400-18-LT (GGG-40.3), PN . . , DN . . , Kvs . . .

Spindle sealing with PTFE-V-ring unit

Power supply . . . , closing pressure . . . bar

List-No. 421 . . . , accessories . . .

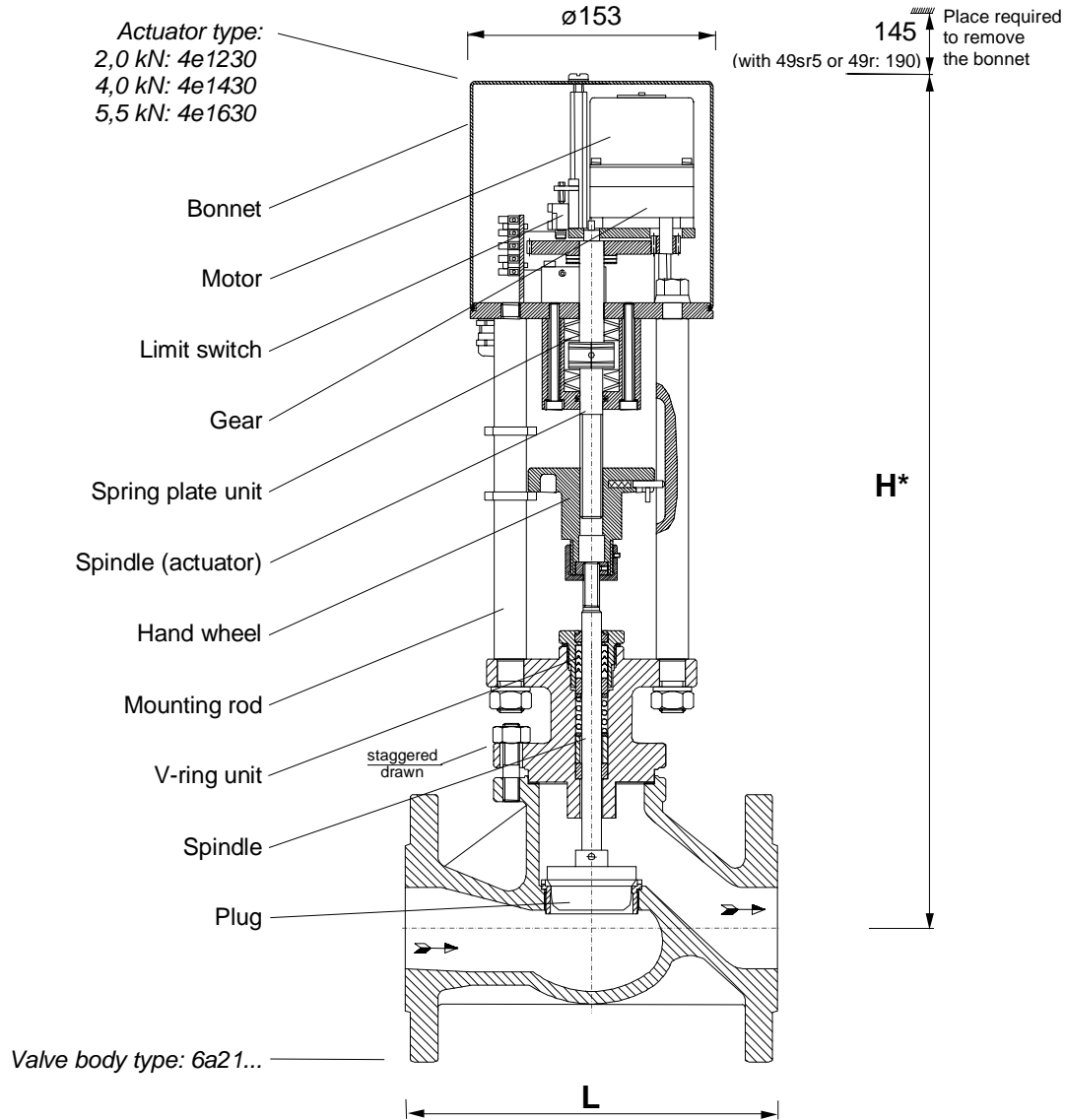


Pressure-temperature ratings acc. to DIN EN 1092-2:

by:	-10...120	150	200	250	300	350	°C*
PN 16	16	15,5	14,7	13,9	12,8	11,2	bar
PN 25	25	24,3	23	21,8	20	17,5	bar

* = max. 250°C for spindle sealing with PTFE-V-ring unit

DN	List-No.		Kvs m³/h	Stroke mm	Pos. time sec	Closing pressure (bar)		
	PN 16	PN 25				2000N	4000N	5500N
15	421 400	421 500	4	20	66	25,0		
15	421 450	421 550	2,5	20	66	25,0		
15	421 470	421 570	1,6	20	66	25,0		
20	421 401	421 501	6,3	20	66	25,0		
20	421 451	421 551	4,0	20	66	25,0		
20	421 471	421 571	2,5	20	66	25,0		
25	421 402	421 502	10	20	66	25,0		
25	421 452	421 552	6,3	20	66	25,0		
25	421 472	421 572	4,0	20	66	25,0		
32	421 403.	421 503.	16	20	66	17,3	25,0	
32	421 453	421 553	10	20	66	25,0		
32	421 473	421 573	6,3	20	66	25,0		
40	421 404.	421 504.	25	20	66	10,8	25,0	
40	421 454.	421 554.	16	20	66	17,3	25,0	
40	421 474	421 574	10	20	66	25,0		
50	421 405.	421 505.	40	20	66	6,6	16,0	23,0
50	421 455.	421 555.	25	20	66	10,8	25,0	
50	421 475.	421 575.	16	20	66	17,3	25,0	



DN	15	20	25	32	40	50
Height H*	491	505	499	506	511	513
Length L	130	150	160	180	200	230
Weight kg	14	15	16	17	18	21

* = add. 45mm for actuators with positioner 49sr5 or controller 49r

Electrical wiring:

