

Body: three way form

Version with diverting plug, for water and steam
 Pressure range: PN16, PN25, PN40
 Immersion length acc. to DIN EN 558, basic series 1
 Flanges acc. to DIN EN 1092-1/2 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 450°C
 Internal parts: stainless steel, replaceable seat rings
 Flow characteristic: linear
 Positioning ratio: 30:1 (up to 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 49ev)
 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)
 Reduced Kvs- values (on request)
 Weld-on ends (on request)
 Flange drillings acc. to ANSI / JIS (on request)



Order text:

Motor control valve in three way form, with diverting plug
 Material . . . , PN . . . , DN . . . , Kvs . . .
 Spindle sealing with PTFE-V-ring unit
 Power supply . . . , closing pressure . . . bar
 List-No.: PN16: 432 4 . . . , PN25: 432 5 . . . , PN40: 432 7 . . . , PN40: 432 E . . .
 Accessories: . . .

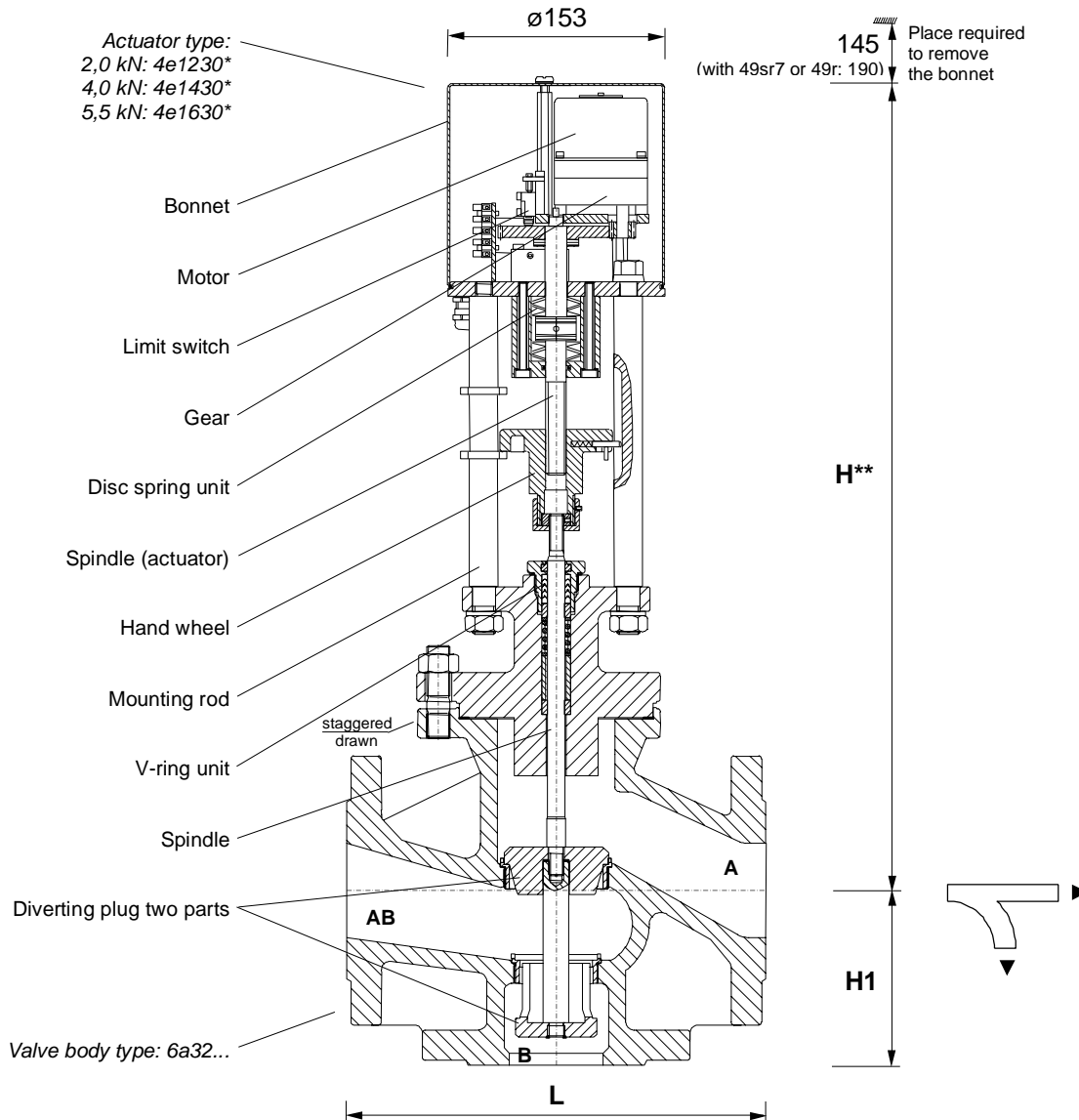
Pressure-temperature ratings acc. to DIN EN 1092-1/2:

by:	-10...50	100	150	200	250	300	350	400	450	°C*
PN16 432 4 EN-GJS-400-18-LT	16	16	15,5	14,7	13,9	12,8	11,2	-	-	bar
PN25 432 5 EN-GJS-400-18-LT	25	25	24,3	23	21,8	20	17,5	-	-	bar
PN40 432 7 GP240GH+N	40	37,3	34,7	30,2	28,4	25,8	24	23,1	13,2	bar
PN40 432 E GX5CrNiMo19-11-2	40	37,3	33,8	31,1	29,3	27,6	26,7	25,6	-	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	PN40	PN40				2000N	4000N	5500N
32	432 403	432 503.	432 703.	432 E03.	12	20	66	17,3	39,3	40,0
40	432 404.	432 504.	432 704.	432 E04.	20	20	66	10,8	25,2	36,0
50	432 405.	432 505.	432 705.	432 E05.	27	20	66	6,6	16,0	23,0
65	432 406.	432 506.	432 706.	432 E06.	50	30	99	3,4	9,1	13,3
80	432 408.	432 508.	432 708.	432 E08.	83	30	99	2,0	5,8	8,6
100	432 410.	432 510.	432 710.	432 E10.	123	30	99	1,1	3,5	5,4
125	432 412.	432 512.			190	35	116		3,5	5,4
150	432 415.	432 515.			250	35	116		2,3	3,6

** = higher closing pressures see page 432He/f/h, DN200 see page 4324/520Hf/h/i/k, bigger DN on request



DN	32	40	50	65	80	100	125	150
Height H**	506	511	513	556	557	564	720	735
Stud length H1	80	90	100	120	130	150	200	210
Length L	180	200	230	290	310	350	400	480
Weight kg	20	21	24	39	43	56	112	133

* = only for DN 32-100; actuators for DN 125-150: 4e1435 (4kN) and 4e1635 (5,5kN)

** = add. 45mm for actuators with positioner 49sr7 or controller 49r

Electrical wiring:

