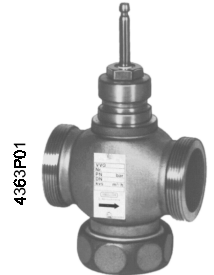


2

, PN16

VVG41...



-
- 2, PN16
 - : Bronze Rg5
 - : DN15 ... DN50 mm (1/2" ... 2")
 - (k_{vs}) : 0.63 ... 40 m³/h
 - : 20 mm
 - 가 : SQX..., SKD..., SKB...
 - (Fitting)

(Use)

. (DIN 32730)

(Media)

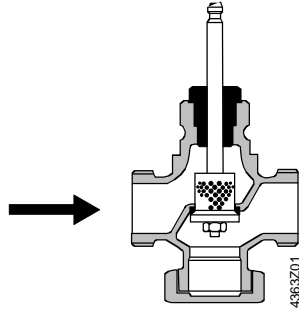
()	-25 ... +130 °C
() 1) 2)	
(1.5 bar abs.)	
1) 2)	

1) 0 °C : 가 (ASZ6.5)가

2) : -25 °C 가 (DIN 3158 (stress case I))

(Mechanical design)

(Valve cross-section)



(seat)가



2

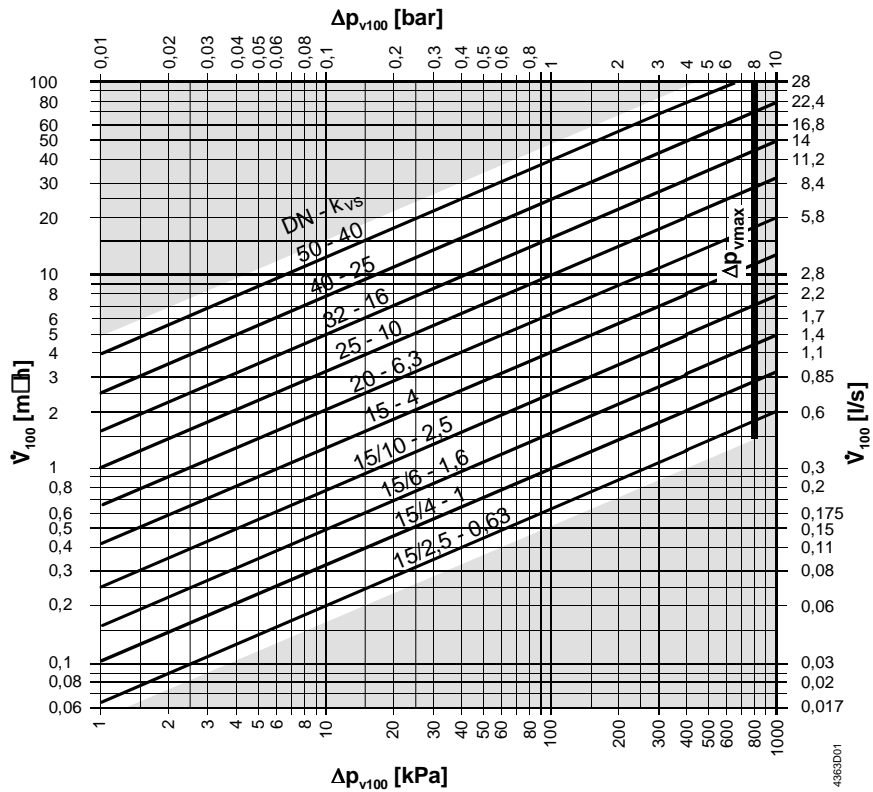
3

blocking nut

(Disposal)

(Sizing)

(Flow diagram)



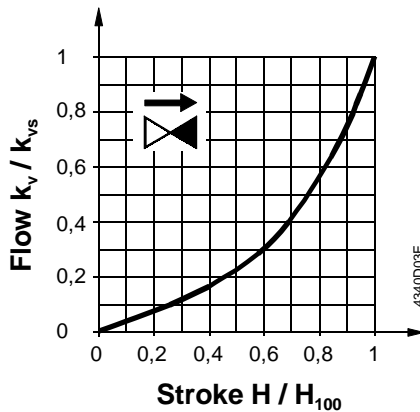
$p_{vmax.} =$

$p_{v100} =$ 가 100% . (kPa, bar)

$\dot{V}_{100} =$ (m³/h l/s)

100 kPa = 1 bar ≈ 10 mWG

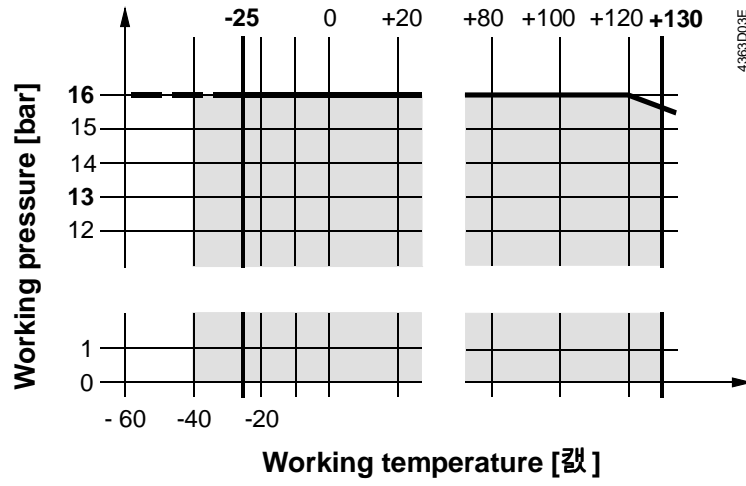
(Valve flow characteristic)



0 ... 30 % ⇒ (linear)

30 ... 100 % ⇒ $n_{gl} = 3$ as per VDI / VDE 2173

(Working pressure and temperature)



-25 ... +130 °C (DIN 4747 DIN 3158) ISO
7268 EN 1333 .

(Notes)

(Engineering)

: VDI 2035



SKB...



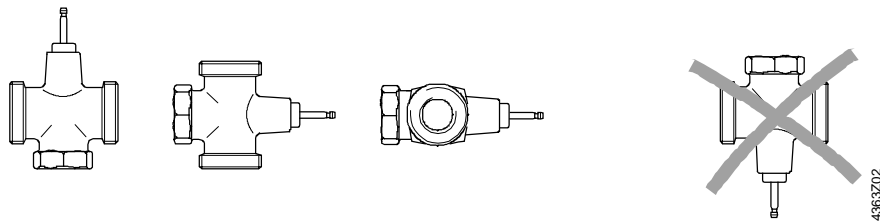
가 0 °C

가

(ASZ6.5 : AC 24 V / 30 W)

(Mounting)

(Mounting positions)



가

가



(Direction of flow)

(Commissioning)



() 가

가

(Service)



가

(Stem sealing gland)

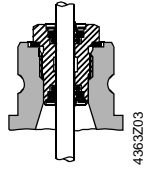
가

가

가

(Spare parts)

(Standard version)



-25 ... +130 °C (,),
(EPDM-O-ring)
VVG41 ... DN15 ... DN50 (10 mm) **4 284 8874 0**

(Warranty)

“ ” ()
“ ” Δp_{max} , Δp_s , , “
” **SIEMENS**

(Technical data)

(Function data)

PN class

PN16

0 ... 30 %
30 ... 100 %

(linear)
 $n_{gl} = 3$ (VDI / VDE 2173)
 k_{vs} 0 ... 0.02 % (VDE / VDI 2173)
1600 kPa (16 bar), ISO 7268 / EN 1333
-25 ... +130 °C DIN 4747 / DIN 3158

Thread

ISO 228/1 G...B
ISO 7/1Rp... ISO 7/1

Fitting

20 mm

(Materials)

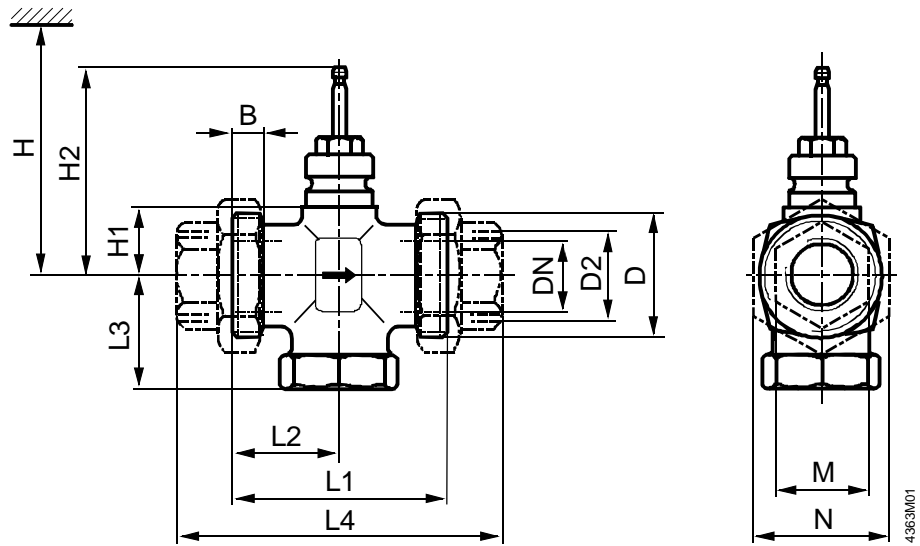
bronze G-CuSn5ZnPb (Rg5) (DIN 1705)

EPDM-O ring

Fittings ALF...

: mm

(Dimensions)



DN [mm]	B	D	D2	H1	H2	L1	L2	L3	L4	M	N	Weight Fitting [kg]
15	10	G1B	Rp $\frac{1}{2}$	26	122.5	100	50	57	146	26	39	1.25
20		G1 $\frac{1}{4}$ B	Rp $\frac{3}{4}$						148	32	48	1.30
25	14	G1 $\frac{1}{2}$ B	Rp1	34	130.5	105	52,5	59	160	38	54	1.60
32		G2B	Rp1 $\frac{1}{4}$					60	168	48	67	2.20
40	15	G2 $\frac{1}{4}$ B	Rp1 $\frac{1}{2}$	46	142.5	130	65	73	198	53	73	2.70
50	16	G2 $\frac{3}{4}$ B	Rp2			150	75	83	222	66	90	3.90

DN [mm]	H		
	SQX...	SKD...	SKB...
15	> 450	> 525	> 600
20			
25	> 460	> 535	> 610
32			
40	> 470	> 545	> 620
50			

DN =

H =

H1 =

H2 =

가