

(Type summary)

	DN	k_{vs}	S_v	$\Delta p_{vmax.}$ ²⁾	
	[mm]	[m ³ /h]		[kPa]	[kPa]
VXG41.1301 ¹⁾	15/6	1.6	> 50	800	200
VXG41.1401 ¹⁾	15/10	2.5			
VXG41.15	15	4.0			
VXG41.20	20	6.3	> 100		
VXG41.25	25	10			
VXG41.32	32	16			
VXG41.40	40	25			
VXG41.50	50	40			

01 = tight bypass

Type	DN	k_{vs}	S_v	$\Delta p_{vmax.}$ ²⁾	
	[mm]	[m ³ /h]		[kPa]	[kPa]
VXG41.1301 ¹⁾	15/6	1.6	> 50	800	200
VXG41.1401 ¹⁾	15/10	2.5			
VXG41.1501	15	4.0			
VXG41.2001	20	6.3	> 100		
VXG41.2501	25	10			
VXG41.3201	32	16			
VXG41.4001	40	25			
VXG41.5001	50	40			

1) DN tight bypass

2)

DN =

$\Delta p_{vmax.}$ =

k_{vs} = (VDI 2173)

S_v = Rangeability (VDI 2173)

가 0 °C

가 (AC 24 V)

ASZ6.5

(Accessories)

) VXG41.5

(Ordering)

(Fitting)

(Delivery)

(Equipment combinations)

	H_{100} [mm]	¹⁾						
		SQX... ²⁾		SKD...		SKB...		
		Δp_{max} [kPa]						
VXG41.1301	20	800	200 ³⁾	800	200 ³⁾	800	200 ³⁾	ALF15
VXG41.1401								
VXG41.15								
VXG41.20	20	600	150 ³⁾	700	150 ³⁾	800	200 ³⁾	ALF20
VXG41.25								
VXG41.32								
VXG41.40	20	400	100 ³⁾	400	100 ³⁾	800	200 ³⁾	ALF32
VXG41.50		250	100 ³⁾	400	100 ³⁾	800	200 ³⁾	ALF40
Data sheet		4554		4561		4564		ALF50

1) 가 : • AC 24 V / AC 230 V (3-position)

• AC 24 V (: DC 0...10 V DC 4...20 mA)

2) Δp_{max} Δp 99 1 (SQX32... / SQX82... / SQX62)

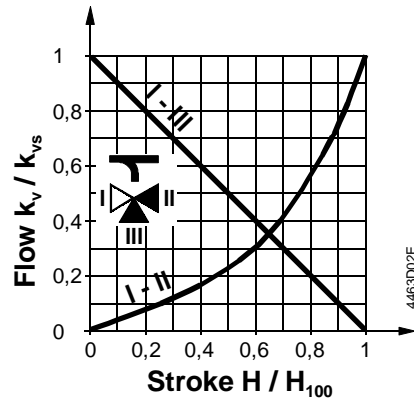
3) l

H_{100} = 100%

Δp_{max} =

(II-I = , I-II =)

(Valve flow characteristic)



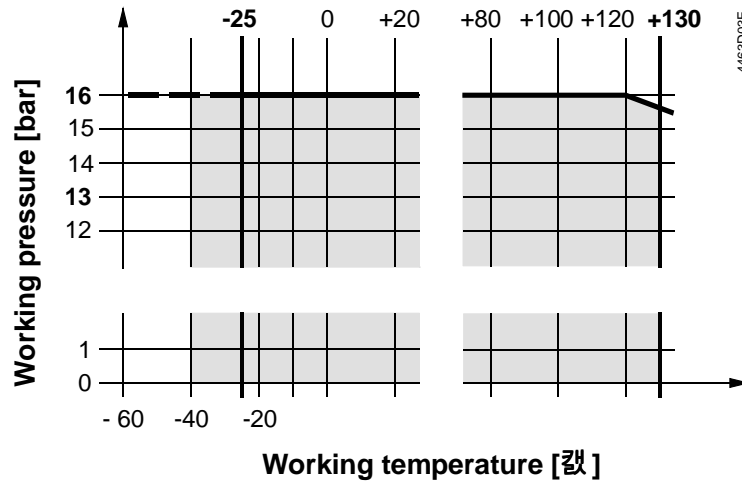
Through-port
 0 ... 30 % \Rightarrow (linear)
 30 ... 100 % $\Rightarrow n_{gl} = 3$ as per VDI / VDE 2173
Bypass
 0 ... 100 % \Rightarrow (linear)

: II III I
 : I II III

Port I = constant flow
 Port II = variable flow
 Port III = bypass (variable flow)

3

(Working pressure and temperature)



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

(Notes)

(Engineering)

. (가)
 : VDI 2035



SKB...



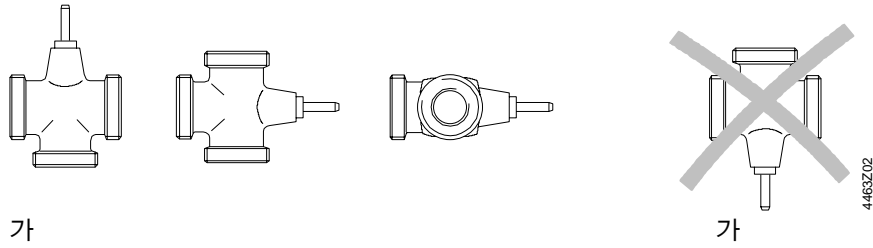
가 0 °C

가

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

(Mounting)

(Mounting positions)



(Direction of flow)



(Commissioning)



() 가

: 가

(Service)



가

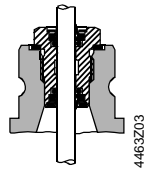
(Stem sealing gland)

가

가

가

(Spare parts)



-25 ... +130 °C

-

(,)

가

(EPDM-O-ring)

(Standard version)

VXG41... DN15 ... DN50 (:10 mm) 4 284 8874 0

(Warranty)

“ ” ()

“ ” Δp_{max} , Δp_s , “
SIEMENS

(Technical data)

PN class

PN16

(Function data)

Through-port

0 ... 30 %

30 ... 100 %

Bypass

0 ... 100%

(linear)

$n_{gl} = 3$ (VDI / VDE 2173)

(linear)

Through-port

Bypass

01

of k_{vs} 0 ... 0.02 % (VDI / VDE 2173)

k_{vs} 0,5 ... 2 % of k_{vs} (VDI / VDE 2173)

of k_{vs} 0 ... 0.02 %

1600 kPa (16 bar), ISO 7268 / EN 1333

-25 ... +130 °C DIN 4747 / DIN 3158

Thread

G...B (ISO 228/1)

Rp... (ISO 7/1)

20 mm

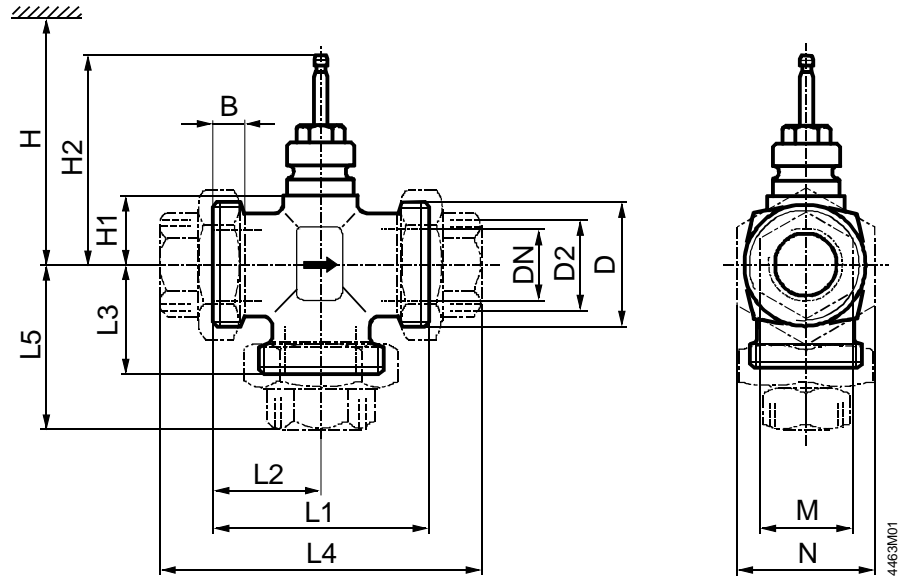
(Materials)

01
ALF...

EPDM-O ring

: mm

(Dimensions)



DN	B	D	D2	H1	H2	L1	L2	L3	L4	L5	M	N	
[mm]													[kg]
15	10	G1B	Rp $\frac{1}{2}$	26	122.5	100	50	50	146	73	26	39	1.20
20		G1 $\frac{1}{4}$ B	Rp $\frac{3}{4}$						148	74	32	48	1.25
25	14	G1 $\frac{1}{2}$ B	Rp1	34	130.5	105	52.5	52.5	160	80	38	54	1.50
32		G2B	Rp1 $\frac{1}{4}$						168	84	48	67	2.10
40	15	G2 $\frac{1}{4}$ B	Rp1 $\frac{1}{2}$	46	142.5	130	65	65	198	99	53	73	2.60
50	16	G2 $\frac{3}{4}$ B	Rp2			150	75	75	222	111	66	90	3.80

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

DN =

H =

H1 =

H2 =

(가)