5/2-way valve, Series CD07

▶ Qn= 1200 l/min ▶ pipe connection ▶ compressed air connection output: G 1/4 ▶ suitable for ATEX



Version Spool valve, zero overlap
Sealing principle soft sealing
Working pressure min /max -0.95 har / 10 har

Oil content of compressed air 0 mg/m^3 - 1 mg/m^3 Compressed air connection according to ISO 228-1

Materials:
Seals Acrylonitrile Butadiene Rubber

	Actuating element	Compressed air connection			Qn	Qn 1 → 2	Qn 2 → 3	Actuating force Min.	Part No.	
		Input	Output	Exhaust	Pilot con- nection					
						[l/ min]	[l/ min]	[l/ min]	[N]	
4 2 T 1 7 W	Plunger	G 1/4	G 1/4	G 1/4	-	1200	1200	1200	70	5634600100
⊙	Roller	G 1/4	G 1/4	G 1/4	-	1200	1200	1200	40	5634610100
4 2 5 11 3	Hand lever, with detent, without detent	G 1/4	G 1/4	G 1/4	-	1200	1200	1200	20	5634630100
5 1 1 3 W	Hand lever	G 1/4	G 1/4	G 1/4	-	1200	1200	1200	15	5634640100
4 2 5 1 3	Rotary lever, with detent	G 1/4	G 1/4	G 1/4	-	1200	1200	1200	15	5634650100
4 2 5 1 3 TW	Button	G 1/4	G 1/4	G 1/4	-	1200	1200	1200	70	5634660100
± 12 12 12 12	Button	G 1/4	G 1/4	G 1/4	G 1/8	1200	1200	1200	80	5634669200

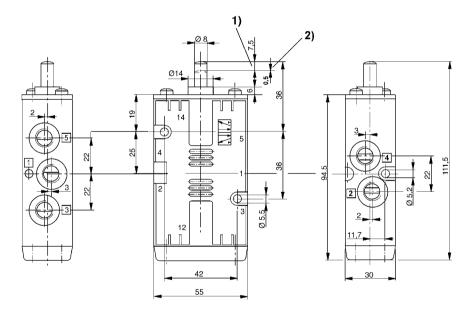
Part No.	Control pressure min./max.	Material: Housing	Material: Actuating control	Weight	Fig.
	[bar]			[kg]	
5634600100	-	Die cast zinc; Poly- amide, fiber-glass reinforced	Stainless steel	0.54	Fig. 1
5634610100	-	Die cast zinc; Poly- amide, fiber-glass reinforced	Stainless steel	0.59	Fig. 2

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Part No.	Control pressure min./max.	Material: Housing	laterial: Housing Material: Actuating control		Fig.			
	[bar]			[kg]				
5634630100	-	Die cast zinc; Poly- amide, fiber-glass reinforced	Polyoxymethylene	0.62	Fig. 3			
5634640100	-	Die cast zinc; Poly- amide, fiber-glass reinforced	Polyoxymethylene	0.59	Fig. 4			
5634650100	-	Die cast zinc; Poly- amide, fiber-glass reinforced	Polyoxymethylene	0.64	Fig. 5			
5634660100	-	Die cast zinc; Poly- amide, fiber-glass reinforced	Polyoxymethylene	0.54	Fig. 6			
5634669200	5 / 10	Die cast zinc	Polyoxymethylene	0.54	Fig. 7			
Nominal flow Qn at	ominal flow Qn at 6 bar and $\Delta p = 1$ bar							

Dimensions, Fig. 1



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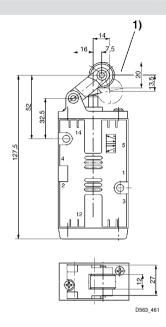
Dimensions of basic valve apply to all types of actuation.

¹⁾ Stroke 2) Overstroke

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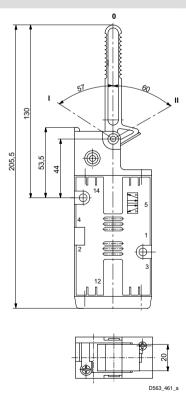
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Dimensions, Fig. 2



1) approach angle of rollers max. 30°

Dimensions, Fig. 3

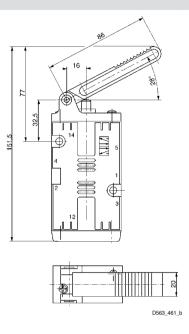


Position 0: initial position, position I: automatic spring return, position II: with detent; manual return

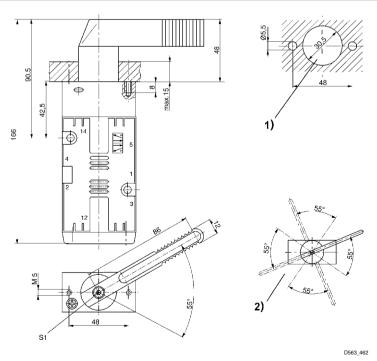
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Dimensions, Fig. 4



Dimensions, Fig. 5

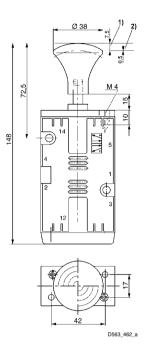


- 1) control panel installation (holes in mounting panel)
- 2) possible lever positions (basic position of hand lever adjustable in 90° steps after loosening screw "S1").

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Dimensions, Fig. 6

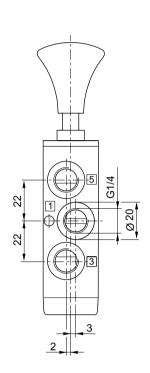


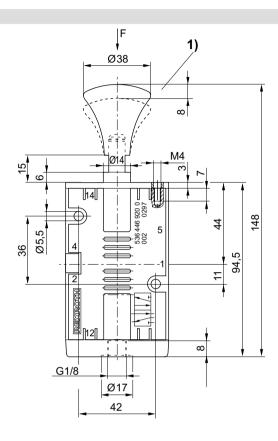
1) Stroke 2) Overstroke

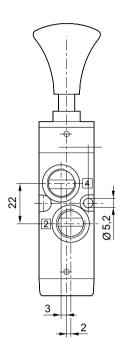
5/2-way valve, Series CD07

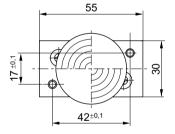
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Dimensions, Fig. 7









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1) Stroke