Directional valves → Supplementary products

5/2-way valve, Series CD07

► Qn = 1200 l/min ► pipe connection ► compressed air connection output: G 1/4 ► Electr. connection: Plug, EN 175301-803, form A ► cold-resistant ► Manual override: with detent ► double solenoid

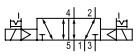
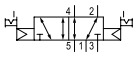
00134144

Version	Spool valve, zero overlap
Pilot	internal
Sealing principle	soft sealing
Mounting on manifold strip	P-strip, PRS strip
Working pressure min./max.	3 bar / 10 bar
Control pressure min./max.	3 bar / 10 bar
Ambient temperature min./max.	-40°C / +50°C
Medium temperature min./max.	-40°C / +50°C
Medium	Compressed air
Max. particle size	50 µm
Oil content of compressed air	0 mg/m³ - 1 mg/m³
Compressed air connection	according to ISO 228-1 with directional pilot air exhaust
Connector standard	EN 175301-803:2006
Degree of protectionwith electrical connector/plug	See table below Protected against polarity reversal
Compatibility index	13, 14
Duty cycle	100 %
Materials:	
Housing	Die cast zinc; Polyamide, fiber-glass reinforced
Seals	Polyurethane

Technical Remarks

- The pressure dew point must be at least 15 °C under ambient and medium temperature and may not exceed 3 °C.
- The oil content of air pressure must remain constant during the life cycle.
- Use only the approved oils from Bosch Rexroth, see chapter „Technical information“.

Operating voltage			Voltage tolerance			Power consumption	Switch-on power		Holding power	
DC	AC 50 Hz	AC 60 Hz	DC	AC 50 Hz	AC 60 Hz	DC	AC 50 Hz	AC 60 Hz	AC 50 Hz	AC 60 Hz
						W	VA	VA	VA	VA
24 V	-	-	-10% / +10%	-	-	2.1	-	-	-	-
-	230 V	230 V	-	-20% / +10%	-10% / +20%	-	6.9	5.8	4.8	4.1

	MO	Compressed air connection				Operating voltage			Holding power	Holding power	Switch-on power	Part No.
		Input	Output	Exhaust	Pilot control exhaust	DC	AC 50 Hz	AC 60 Hz	AC 50 Hz	AC 60 Hz	AC 50 Hz	
		G 1/4	G 1/4	G 1/4	M5	24 V -	- 230 V	- 230 V	- 4.8	- 4.1	- 6.9	**5776840220** 5776845280
		G 1/4	G 1/4	G 1/4	M5	-	-	-	-	-	-	5776845302

Supplementary products
Part numbers marked in bold are available from the central warehouse in Germany, see the shopping basket for more detailed information
Pneumatics catalog, online PDF, as of 2012-10-25, © Bosch Rexroth AG, subject to change

Directional valves → Supplementary products

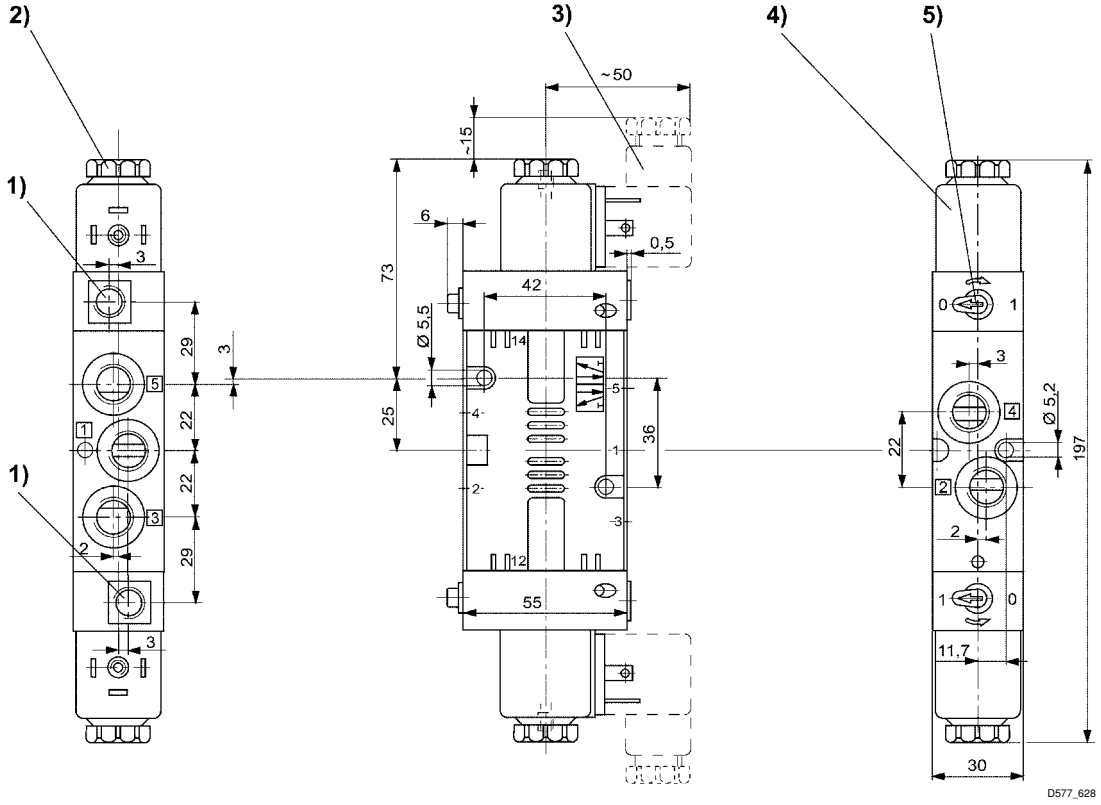
5/2-way valve, Series CD07

► Qn = 1200 l/min ► pipe connection ► compressed air connection output: G 1/4 ► Electr. connection: Plug, EN 175301-803, form A ► cold-resistant ► Manual override: with detent ► double solenoid

Part No.	Switch-on power	Flow rate value			Switch-on time	Switch-off time	Protection class	Weight	Note
	AC 60 Hz	Qn	Qn 1►2	Qn 2►3					
				[l/min]	[ms]	[ms]		[kg]	
5776840220 5776845280	- 5.8	1200	1200	1200	21	21	IP 65	0.75	-
5776845302	-	1200	1200	1200	-	-	-	-	1); 2)

MO = Manual override
1) Basic valve without coil
2) ATEX optional
Nominal flow Qn at 6 bar and Δp = 1 bar

Dimensions



1) only with separate pilot control G 1/8 2) after removal of cap M 5 internal thread M5 3) el. connector can
4) coil can be plugged at 45° intervals 5) manual override