Valve systems → Standardized valve systems

5/3-way valve, Series CD01-PA

► Qn = 650 - 750 l/min ► plate connection ► compressed air connection output: base plate DIN ISO 15407-1
► Electr. connection: Plug, EN 175301-803, form C ► Manual override: with detent, without detent

P576_504

Standards	ISO 15407-1, 26 mm
Certificates	free of substances that impair surface wetting in the coating process
Version	Spool valve, zero overlap
Sealing principle	soft sealing
Working pressure min./max.	See table below
Ambient temperature min./max.	-15°C / +50°C
Medium temperature min./max.	-15°C / +50°C
Medium	Compressed air
Max. particle size	50 µm
Oil content of compressed air	0 mg/m³ - 1 mg/m³
Pneumatic ports	base plate DIN ISO 15407-1
version pneumatic port	according to ISO 15407-1 With collective pilot air exhaust
Connector standard	EN 175301-803, form C
Protection classwith electrical connector/ plug	IP 65
Duty cycle	100 %
Mounting screw	M4 with hexagon socket
mounting screw tightening torque	2.5 Nm
Materials:	
Housing	Polyamide; Polyoxymethylene
Seals	Acrylonitrile Butadiene Rubber

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 compressed air must remain constant during the life cycle.
- Use only the approved oils from Bosch Rexroth, see chapter „Technical information“.
- Versions with voltage of less than 50 V DC do not have a protective ground

Operating voltage			Voltage tolerance		Power consumption	Switch-on power		Holding power	
DC	AC 50 Hz	AC 60 Hz	DC	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%	-	1.6	-	-	-	-
24 V	-	-	-10% / +10%	-	2.06	-	-	-	-
-	110 V	110 V	-	-10% / +15%	-	4.2	3.4	3	2.4
-	24 V	24 V	-	-10% / +15%	-	3	2.6	2.2	1.85
-	230 V	230 V	-	-10% / +15%	-	3.2	2.8	2.3	2
12 V	-	-	-10% / +10%	-	1.6	-	-	-	-

Valve systems → Standardized valve systems

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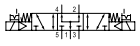
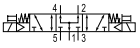
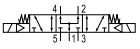
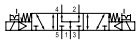
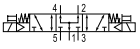
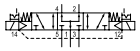
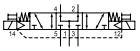
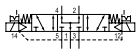
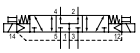
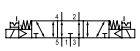
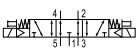
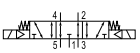
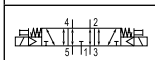
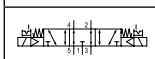
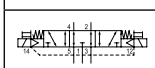
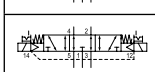
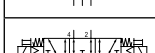
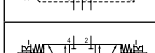
► Electr. connection: Plug, EN 175301-803, form C ► Manual override: with detent, without detent

	MO	Operating voltage			Qn			Working pressure min./max.	Control pressure min./max.	Switch-on time	Switch-off time		Note	Part No.
		DC	AC 50 Hz	AC 60 Hz		1►2	2►3							
					[l/min]			[bar]	[bar]	[ms]	[ms]	[kg]		
	I	24 V	-	-	-	750	650	3 / 10	3 / 10	27	55	0.27	1)	**5763800220**
		24 V	-	-	-	750	650	3 / 10	3 / 10	27	55	0.27	1)	**5763800620**
	-	24 V	-	-	-	750	650	3 / 16	3 / 16	27	55	0.27	1); 3)	5763800920
	I	-	110 V	110 V	-	750	650	3 / 10	3 / 10	27	55	0.27	1)	5763805270
		-	110 V	110 V	-	750	650	3 / 10	3 / 10	27	55	0.27	1)	5763805670
	I	24 V	-	-	-	750	650	-0.95 / 16	3 / 10	27	55	0.27	2)	5763850220
		24 V	-	-	-	750	650	-0.95 / 16	3 / 10	27	55	0.27	2)	5763850620
	I	-	110 V	110 V	-	750	650	-0.95 / 16	3 / 10	27	55	0.27	2)	5763855270
		-	110 V	110 V	-	750	650	-0.95 / 16	3 / 10	27	55	0.27	2)	5763855670
	I	24 V	-	-	-	650	750	3 / 10	3 / 10	24	58	0.27	1)	**5763810220**
		24 V	-	-	-	650	750	3 / 10	3 / 10	24	58	0.27	1)	**5763810620**
	-	24 V	-	-	-	650	750	3 / 16	3 / 16	24	58	0.27	1); 3)	5763810920
	I	-	24 V 110 V	24 V 110 V	-	650	750	3 / 10	3 / 10	24	58	0.27	1)	5763815220 5763815270
		-	110 V	110 V	-	650	750	3 / 10	3 / 10	24	58	0.27	1)	5763815670
	I	-	230 V	230 V	-	650	750	3 / 10	3 / 10	24	58	0.27	1)	5763815280
	I	24 V	-	-	-	650	750	-0.95 / 16	3 / 10	24	58	0.27	2)	**5763860220**
		24 V	-	-	-	650	750	-0.95 / 16	3 / 10	24	58	0.27	2)	5763860620
	I	-	110 V	110 V	-	650	750	-0.95 / 16	3 / 10	24	58	0.27	2)	5763865270
		-	110 V	110 V	-	650	750	-0.95 / 16	3 / 10	24	58	0.27	2)	5763865670
	I	12 V 24 V	-	-	650	650	650	3 / 10	3 / 10	24	49	0.27	1)	5763820210 **5763820220**

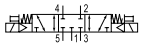
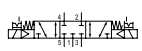
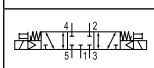
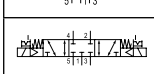
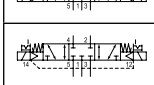
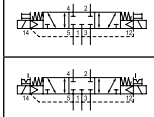
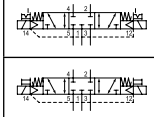
1) Pilot: internal
2) Pilot: external
3) Low power consumption
Nominal flow Qn at 6 bar and Δp = 1 bar
MO = Manual override

Part numbers marked in bold are available from the central warehouse in Germany, see the shopping basket for more detailed information

Valve systems → Standardized valve systems

5/3-way valve, Series CD01-PA

► Qn = 650 - 750 l/min ► plate connection ► compressed air connection output: base plate DIN ISO 15407-1
► Electr. connection: Plug, EN 175301-803, form C ► Manual override: with detent, without detent

	MO	Operating voltage			Qn			Working pressure min./max.	Control pressure min./max.	Switch-on time	Switch-off time		Note	Part No.
		DC	AC 50 Hz	AC 60 Hz		1►2	2►3							
					[l/min]			[bar]	[bar]	[ms]	[ms]	[kg]		
		24 V	-	-	650	650	650	3 / 10	3 / 10	24	49	0.27	1)	**5763820620**
	I	-	110 V	110 V	650	650	650	3 / 10	3 / 10	24	49	0.27	1)	5763825270
		-	110 V	110 V	650	650	650	3 / 10	3 / 10	24	49	0.27	1)	5763825670
	I	-	230 V	230 V	650	650	650	3 / 10	3 / 10	24	49	0.27	1)	5763825280
	I	24 V	-	-	650	650	650	-0.95 / 16	3 / 10	24	49	0.27	2)	**5763870220**
		24 V	-	-	650	650	650	-0.95 / 16	3 / 10	24	49	0.27	2)	**5763870620**
	I	-	110 V	110 V	650	650	650	-0.95 / 16	3 / 10	24	49	0.27	2)	5763875270
		-	110 V	110 V	650	650	650	-0.95 / 16	3 / 10	24	49	0.27	2)	5763875670

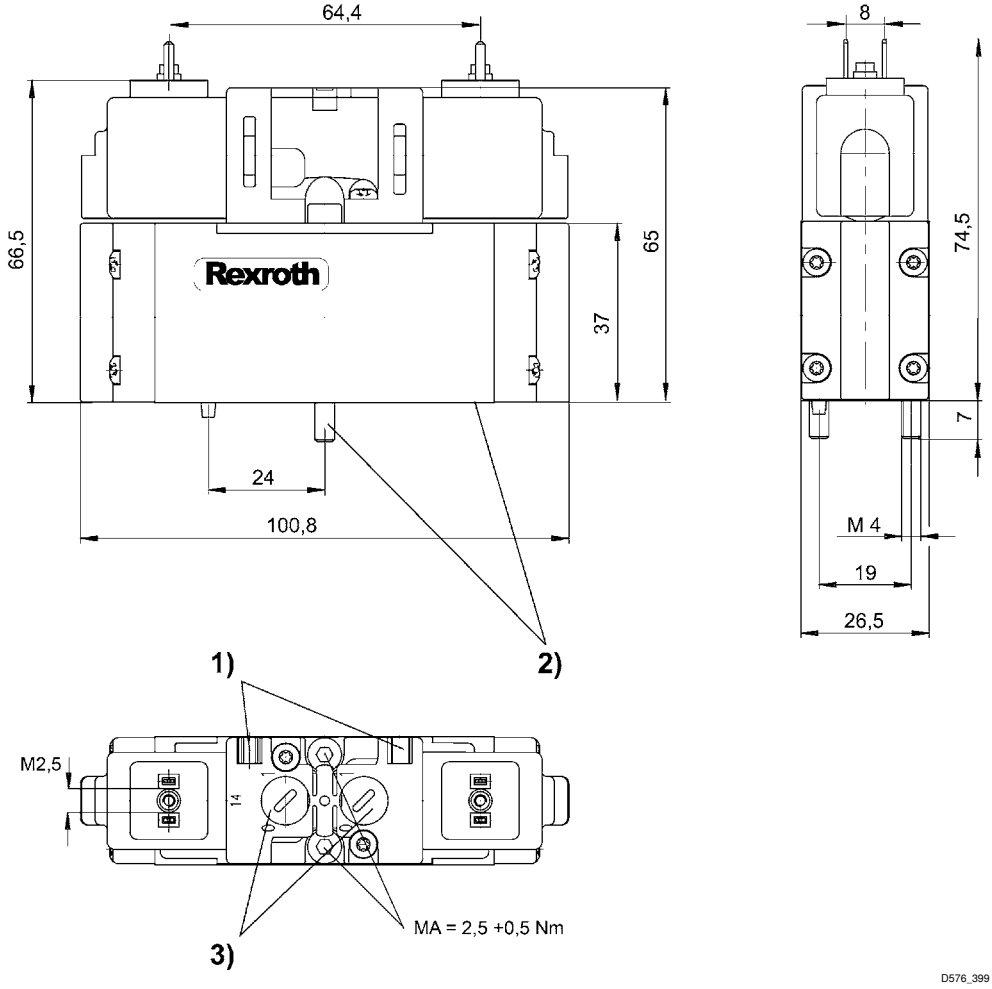
1) Pilot: internal
2) Pilot: external
3) Low power consumption
Nominal flow Qn at 6 bar and Δp = 1 bar
MO = Manual override

Valve systems → Standardized valve systems

5/3-way valve, Series CD01-PA

► Qn = 650 - 750 l/min ► plate connection ► compressed air connection output: base plate DIN ISO 15407-1
► Electr. connection: Plug, EN 175301-803, form C ► Manual override: with detent, without detent

Dimensions



1) mounting space for name plate 2) screws and seals captive 3) manual override