

# Series KMX-09 and KMX-10



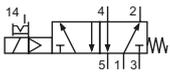
## Technical details

<b>Connection</b>	KMX-09: G1/8 KMX-10: G1/4
<b>Nominal size</b>	KMX-09: 6 mm KMX-10: 9 mm
<b>Temperature range</b>	-30°C ... +80°C
<b>Medium</b>	Filtered, oil-free and dried compressed air according to ISO 8573-1:2010, Class 7:2:4, instrument air, free of aggressive additives. Alternatively the pressure dew point must be at least 10°C below lowest occurring ambient temperature.
<b>Materials</b>	Body: stainless steel 1.4571, seals: FKM and PU, inner parts: stainless steel 1.4305
<b>Protection</b>	IP 65 according to EN 60529
	Valves in accordance with 2014/34/EU (ATEX) available. (Chapter 13)

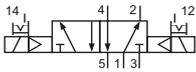


Electrically operated spool valve. The manual override is detent and is operated by screwdriver.

### 5/2-way valves



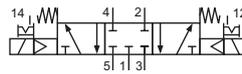
KMX-09-511-HN-xxx  
KMX-10-511-HN-xxx  
5/2-way, single solenoid, mechanical spring return



KMX-09-520-HN-xxx  
KMX-10-520-HN-xxx  
5/2-way, double solenoid

Please complete: xxx = electrical option

### 5/3-way valve



KMX-10-530-HN-xxx  
5/3-way, center position closed

## Electrical options

Nominal voltage	Power consumption	Specifics	Plug connection*1	-xxx Manual override on same side of ports	
				2 and 4	1, 3 and 5
24 V DC	4.2 W		Form B industrial norm	-F42	-F12

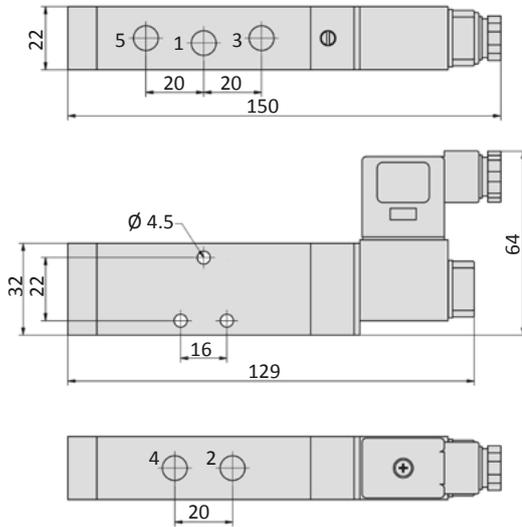
\*1 Plug socket not included, suitable plug sockets see page 6-14.

## Technical data

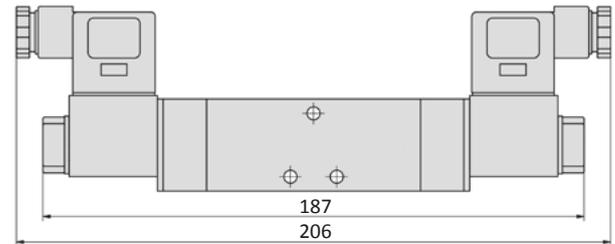
Model-no.:	KMX-09-511	KMX-09-520	KMX-10-511	KMX-10-520	KMX-10-530
<b>Operating pressure (bar)</b>	3 ... 8	3 ... 8	3 ... 8	3 ... 8	3 ... 8
<b>Pilot pressure (bar)</b>	3 ... 8	3 ... 8	3 ... 8	3 ... 8	3 ... 8
<b>Flow rate (NI/min)</b>	810	950	1800	2100	1500
<b>Response time (ms) at 6 bar</b>	on: 13 off: 28	on: 15 off: 15	on: 16 off: 27	on: 18 off: 18	on: 16 off: 22
<b>Weight (kg)</b>	0.231	0.330	0.470	0.630	0.630

**Dimensions**

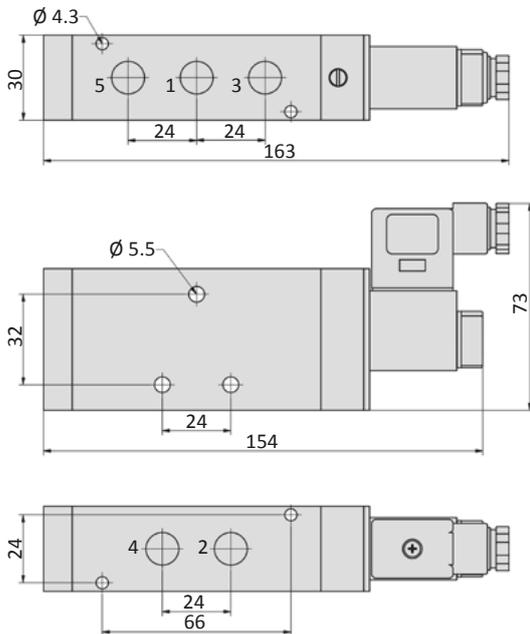
**KMX-09-511-HN**



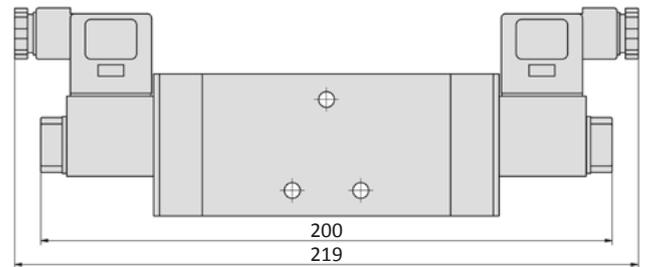
**KMX-09-520-HN**



**KMX-10-511-HN**



**KMX-10-520-HN, KMX-10-530-HN**



1 = pressure inlet  
2,4 = outlets  
3,5 = exhausts

Plug socket (not included in scope of delivery) can be repositioned by 180°. Solenoid coil can be repositioned.

**Accessories**



Plug sockets: page 6-14