

ACCESSORIES FOR AIR MOTORS

4/3-WAY MANUAL CONTROL SLIDE VALVE

for use in motors for direct remote control. These control slides have two consumer connections. At motors with brake the 0-position has to be open, so that the brake is able to bleed (shut).

Illustration: 4/3-Way control slide valve R 1"



4/3-WAY PILOT VALVE

for use in motors with pilot-operated remote control. These valves have two consumer connections and are available as lock-type hand operated or push-button valve.

Illustration: Push-button valve with stop button



OILER

air motors must be serviced and lubricated. The compressed air should be clean and contain sufficient oil to ensure sufficient lubrication. Under normal conditions, 2-5 drops per m³/min are used (one drop = 0.02 g).

Illustration: Steel oiler, for use directly on motor or in the hose line (before the control element)



SERVICE UNIT WITHOUT PRESSURE REGULATOR

is a filter and oiler with an adjustable nozzle according to the dynamic pressure principle. The direction of flow is prescribed. The nozzle must be attached in the direction indicated by the arrow. The service unit will be connected to the stationary compressed air line.

Illustration: Service unit without pressure regulator



SERVICE UNIT WITH PRESSURE REGULATOR

As described above but with a pressure regulator connected between the filter and lubricator which does not rely on starting pressure, is reversible and fitted with a manometer. The flow volume must be borne in mind when selecting the pressure. Wherever possible, the unit should be installed less than 5 m away from the motor.

Illustration: Service unit with pressure regulator and stand



ACCESSORIES / TECHNICAL SPECIFICATION

			Power rates motors in kW							round motors in W					
4/3-WAY MANUAL CONTROL SLIDE VALVE			0.2-0.5	0.5-1	1-2	2-3	3-4	4-5	5-7.5	7.5-10	125	250	500	700	1000
Part No.	Thread connection	Nominal diameter													
9 2301 0010	R 1/2"	15 mm	•	•											
9 2301 0030	R 3/4"	20 mm			•	•	•								
9 2301 0050	R 1"	25 mm			•	•	•	•							
9 2301 0070	R 1 1/4"	32 mm						•	•	•					
9 2301 0090	R 1 1/2"	40 mm						•	•	•					
9 2301 0100	R 2"	50 mm							•	•					

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4/3-WAY PILOT VALVE			0.2-0.5	0.5-1	1-2	2-3	3-4	4-5	5-7.5	7.5-10	125	250	500	700	1000
Part No.	Thread connection														
9 2302 0070	R 1/4"		•	•	•	•	•	•	•	•	•	•	•	•	•
9 2302 0080	R 1/8"		•	•	•	•	•	•	•	•	•	•	•	•	•

				Power rates motors in kW							round motors in W					
OILER				0.2-0.5	0.5-1	1-2	2-3	3-4	4-5	5-7.5	7.5-10	125	250	500	700	1000
Part No.	Contents of oil	d1	d2													
9 2402 0010	100 cm ³	R 1/2" i	R 1/2" i	•	•											
9 2402 0020	150 cm ³	R 3/4" i	R 3/4" i			•	•	•								
9 2402 0040	480 cm ³	R 1" i	R 1" i			•	•	•								

				Power rates motors in kW							round motors in W					
SERVICE UNIT WITHOUT PRESSURE REGULATOR				0.2-0.5	0.5-1	1-2	2-3	3-4	4-5	5-7.5	7.5-10	125	250	500	700	1000
Part No.	Thread connection	Contents of oil	Max. flow													
9 2406 0020	R 1/4" i	150 cm ³	1.0 m ³ /min	•	•							•	•	•	•	•
9 2406 0030	R 3/8" i	150 cm ³	1.1 m ³ /min	•	•							•	•	•	•	•
9 2406 0050	R 1/2" i	240 cm ³	2.5 m ³ /min	•	•											
9 2406 0080	R 3/4" i	480 cm ³	5.6 m ³ /min			•	•	•								
9 2406 0090	R 1" i	480 cm ³	7.5 m ³ /min			•	•	•	•							
9 2406 0290	R 1 1/2" i	770 cm ³	10.5 m ³ /min						•	•	•					

				Power rates motors in kW							round motors in W					
SERVICE UNIT WITH PRESSURE REGULATOR				0.2-0.5	0.5-1	1-2	2-3	3-4	4-5	5-7.5	7.5-10	125	250	500	700	1000
Part No.	Thread connection	Contents of oil	Max. flow													
9 2406 0110	R 1/4" i	150 cm ³	1.0 m ³ /min	•	•							•	•	•	•	•
9 2406 0120	R 3/8" i	150 cm ³	1.1 m ³ /min	•	•							•	•	•	•	•
9 2406 0140	R 1/2" i	240 cm ³	2.5 m ³ /min	•	•											
9 2406 0170	R 3/4" i	480 cm ³	5.6 m ³ /min			•	•	•								
9 2406 0180	R 1" i	480 cm ³	7.5 m ³ /min			•	•	•	•							
9 2406 0310	R 1 1/2" i	770 cm ³	10.5 m ³ /min						•	•	•					