

FMM 20 DIAPHRAGM LIQUID PUMP WITH LINEAR DRIVE





ADVANTAGES



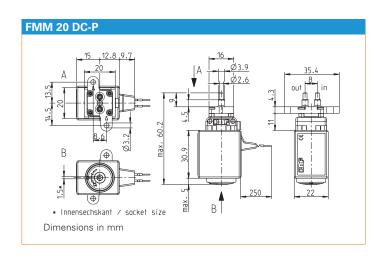
- Industrial dosing systems

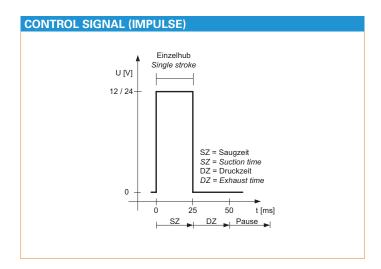


PERFORMANCE DATA				
Series model	FMM 20 DC-P			
Material options	KP	KT		π
Pump head	PP	PP		PVDF
Diaphragm	EPDM	FFKM		FFKM
Valves	EPDM	FFKM		FFKM
Nominal stroke volume (µI)	15			
Stroke volume calibration range (µI)	5-17			
Flow rate at 20 Hz (ml/min)	18			
Suction height (mWg/inHg)	3/8.7			
Pressure head (mWg/psig)	10/14.5			
Permissible ambient air (°C/°F)	5 - 40 / 41 - 104			
Permissible liquid temperature (°C/°F)	5 - 80 / 41 - 176			
Weight (g/oz)	88/3.1			
IP protection factor	54			
ELECTRICAL DATA				
Operating voltage (V)	12 24			
Max. permissible frequency (Hz)	20			
I load max. during impulse (A)	1.45			
Effective cont. current consumption at 20 Hz (A)	0.85		0.36	
Effective cont. power consumption at 20 Hz (W)	8.04		7.2	

FMM 20 DC-P

PERFORMANCE DATA				
Series model	Nominal stroke volume (µI)	Flow rate at 20 Hz (ml/min)	Suction height (inHg)	Pressure head (psig)
FMM 20 DC-P	15	18	8.7	14.5





OPTIONS					
Description	Illustration	Part No.	Details		
Hydraulic connections	# # 5		Internal threads, compression fittings, manifold etc.		

Description	Illustration	Part No.	Details
Diaphragm pressure control valve			The pressure control valve can be used for a more accurate control of flow against a fluctuating back pressure, metering into a vacuum and from a pressurised system.
Pulsation damper			This very versatile pulsation damper reduces the vibration in hoses ans pipes and it helps to remove pulsation which is preventing the system from functioning correctly.
Filter	X-G-		KNF filters protect both pumps and other upstream instrumentation and hydraulic circuits against particulate, crystals and fibres which can improve optimum operation.

The performance values for the series models shown on this data sheet were determined under test conditions. The actual performance values may differ and depend in particular on the usage conditions and therefore on the specific application, on the parameters of the components involved in the user's system and on any technical modifications carried out which deviate from the standard configuration or the as delivered condition.

If individual designs have been created for specific customers on the basis of series models, other technical performance data may apply.

Before operation begins, the relevant operating instructions and/or assembly or installation instructions should be read and the safety information contained in these instructions should be noted. KNF reserves the right to make changes to the product and the associated documentation without prior notice to the customer.



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