

Technical Data

4.3 Device data

Parameter	Unit	MPC 155 Z	MPC 105 T	MPC 105 T iQ	MPC 105 T iQ-P
		<i>two-stage</i>	<i>three-stage</i>		
Pumping speed 50/60 Hz DIN 28432	m ³ / h	1,4	1.2	0 - 1.2	
	l / min	23	20	0 - 20	
Ultimate pressure	mbar	5	2		
Max. inlet pressure	bar	1			
Max. outlet pressure		unpressurised			
Intake- / Exhaust connection	-	Hose nozzle DN 8 for hose inside diameter 8 mm			
Ambient temperature	°C	+ 10 to + 40			
Max. Operating gas temperature		+ 60			
Bearing	-	maintenance-free			
Reference surface sound pressure level DIN EN ISO 2151	dB (A)	< 45			
Voltage, Frequency	V, Hz	24 V DC			
		90...260 V AC, 50/60 Hz			
		power pack integrated	power pack external	power pack integrated	
Rated current	A	5.6			
Rotational speed	min ⁻¹	1350		1700	
Control voltage	V DC	-	0 - 10		
			Input external Flange bushing Type 710 4 pole	Potentio- meter on the top of the unit	
Operating mode	-	S 1			
Type of protection DIN EN 60529		IP 44			
Motor / Class of insulation DIN EN 600034-1		BLDC / F (160°C)			
Weight	kg	7.0	6.5	7.0	
Dimensions (W/D/H) (without connections)	mm	235 / 145 / 327			
Order numbers	-	412642	412443-02	412443-17	412443-15

The information presented in this material is based on technical data and test results of nominal units. It is believed to be accurate and reliable and is offered as an aid to help in the selection of products. It is the responsibility of the user to determine the suitability of the product for the intended use and the user assumes all risk and liability whatsoever in connection therewith. Gardner Denver Thomas GmbH does not warrant, guarantee or assume any obligation or liability in connection with this information.