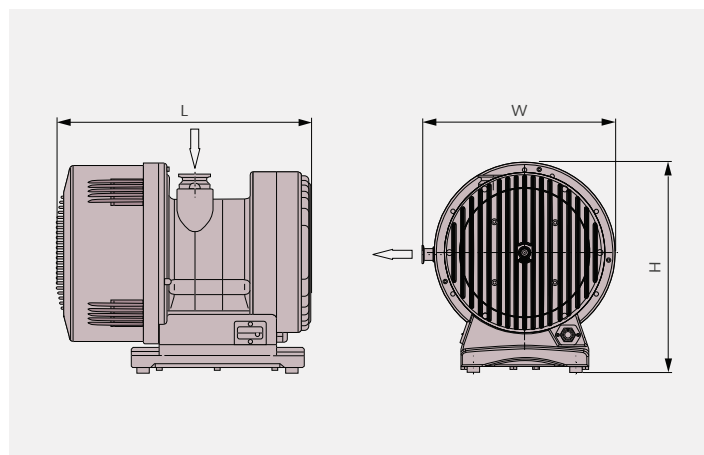


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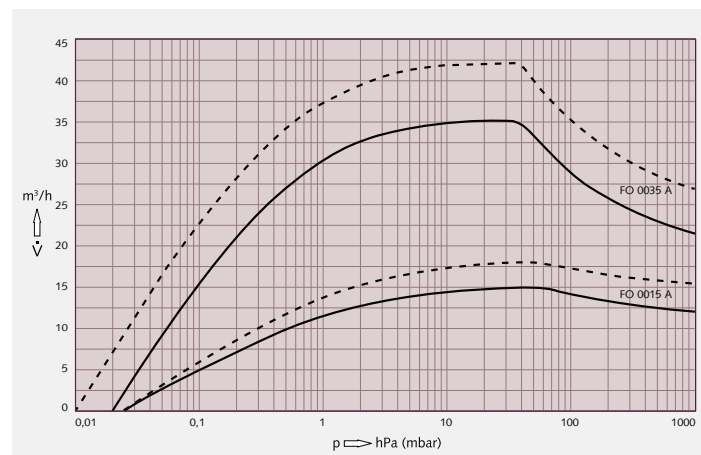
Scroll Vacuum Pumps FO 0015/0035 A



Fossa 0015/0035 A



Pumping speed Air at 20 °C. Tolerance: ± 10% — 50 Hz - - - - 60 Hz



Technical data			FO 0015 A	FO 0035 A
Pumping speed	50 Hz / 60 Hz*	m³/h	15 / 18	35 / 42
Pumping speed	50 Hz / 60 Hz*	l/min	250 / 300	583 / 700
Ultimate total pressure	Gas-ballast valve closed	hPa (mbar)	0.025	0.01
Ultimate total pressure	Gas-ballast valve open	hPa (mbar)	0.09	
Max. continuous inlet pressure		hPa (mbar)	1000	100
Max. back pressure		atm	1.5	1.2
Water vapour capacity	Gas-ballast valve open	g/h	300	400
Leak rate, helium		mbar · L · s⁻¹	< 1 · 10⁻⁶	

Motor data				
Nominal motor rating		kW	0.4	0.75
Operating voltage	Single-phase**	V	100–240 (50 / 60 Hz)	
	Three-phase	V	190–220 / 380–415 (50 Hz) 200–240 / 380–480 (60 Hz)	

Physical data				
Ambient temperature		°C	5–40	
Vibration level at inlet (ISO 10816-1)		mm · s⁻¹	Class 1B, < 1.5 mm/sec	
Noise level (ISO 2151)	Idle speed**	dB(A)	42	43
	Max.	dB(A)	59	60
Weight approx.		kg	48	50
Dimensions (L x W x H)		mm	450 x 338 x 369	462 x 338 x 369
Gas inlet / outlet			NW 40 / NW 16	

Applicable standards				
Emissions and immunity			EN 61236-1:2013 as a Class A device	
Safety			EN/IEC 61010 third edition certified	

*normal / boost **frequency converter driven version only

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Technical data is subject to change. Created in Germany. MG PL FOSSAFO00150035A Len 12/2017 78a

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Scroll Vacuum Pumps FO 0015/0035 A



Article Numbers, Genuine Accessories and Spare Parts		FO 0015 A	FO 0035 A
Inverter driven single-phase version, automatic protection			
100–240 V (50/60 Hz)		1271203264	1271203265
Three-phase motor version, no motor protection			
190–240 / 380–480 V (50/60 Hz)		1271557872	1271564068
Inlet accessories¹			
Inlet filter FIL 0080		0530566434	
Spare polyester filter element for FIL 0080		0532121862	
Special purpose filter element for FIL 0080		on request	
Outlet accessories²			
Exhaust filter and silencer		0562566435	
Spare filter element		0532566436	
Other accessories			
Wheels		0999569268	
Purge kit		0916566457	
Vibration isolation kit		included	
Gas-ballast		included	
Maintenance kits			
Tip seal replacement kit		0990559196	0990563524
Cord sets			
		on request	

¹ All filters include housing, polyester filter element and mounting hardware

² The exhaust filter includes housing and filter element