

MULTI EVO-E P

FREQUENCY CONVERTER - SINGLE PHASE

- High-level reliability - thanks to the resistant and innovative design
- Quiet operation - improved user comfort thanks to its quiet operation
- Compact dimensions
- Wide range of performance levels for the residential market
- Excellent priming capacity



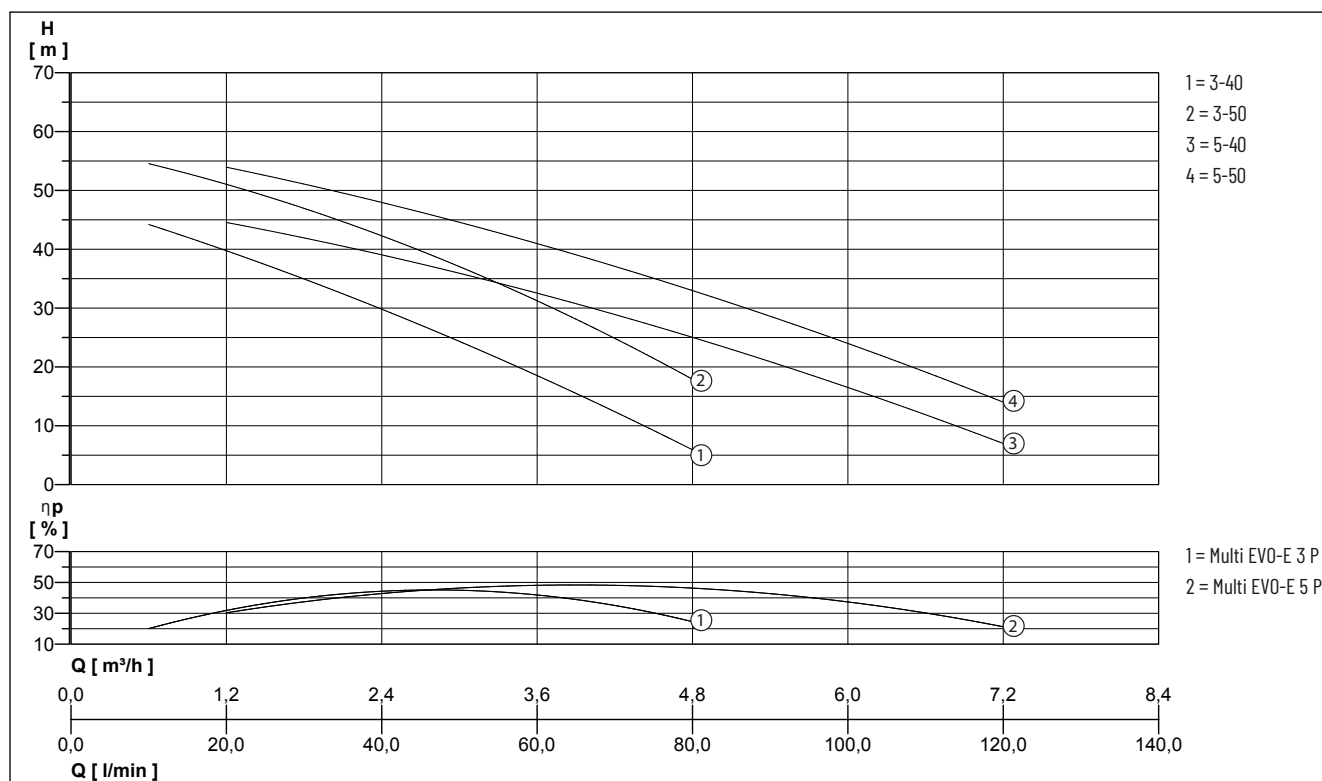
DESCRIPTION

The system is composed of a Multi EVO horizontal multistage electric centrifugal pump with plastic casing and a CPS electronic control system (inverter), which allows the pressure to be maintained constant in the system, reducing or increasing the electric pump motor rotation speed.

APPLICATIONS

- Pressurization and supply
- Irrigation
- Rainwater recovery systems
- Washing systems

PERFORMANCE



We reserve the right to change specifications without notice. Pump performance is subject to ISO 9906 ISO 9906:2012 - Grade 3B tolerances.

Type	Flow rate Q [m³/h]	0.6	1.2	1.8	2.4	3	3.6	4.8	6	7.2
Multi EVO-E 3-40 P	Delivery head H [m]	44.0	40.0	35.0	30.0	24.0	18.5	6.0		
Multi EVO-E 3-50 P		54.5	51.0	47.0	42.5	37.0	31.0	18.0		
Multi EVO-E 5-40 P			44.5	42.0	39.0	36.0	32.5	25.0	16.5	7.0
Multi EVO-E 5-50 P			54.0	51.0	48.0	44.5	41.0	33.0	24.0	14.0

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MECHANICAL DATA

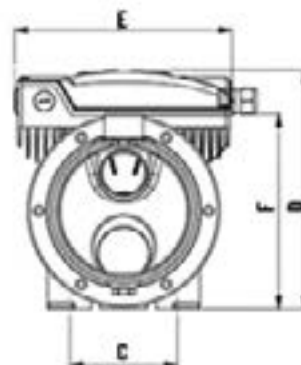
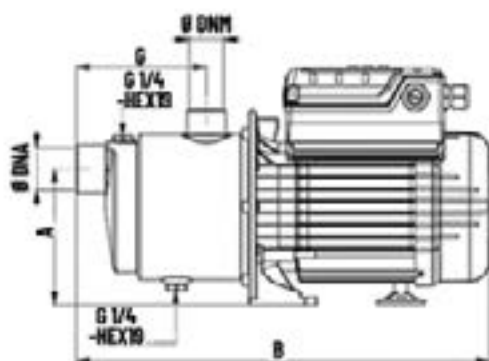
Shaft	Stainless steel Europe: EN10088-1 X5CrNi18-10 (1.4301) USA: AISI 304	Counterface	Ceramic / NBR
Impeller	PPO reinforced with fibreglass	Operating pressure max.	7 bar
Motor housing	Die-cast aluminium	Type of liquid	clean water without suspended solids or abrasive material
Pump housing	PPO reinforced with fibreglass	Temperature of the liquid max.	50 °C
Diffuser	PPO reinforced with fibreglass	Saughöhe max.	6 m
Mechanical seal	Carbon graphite / NBR / SS	Gasket	NBR 70 Shore A

ELECTRICAL DATA

Voltage	1/N/PE~230 V	Ambient temperature max.	40 °C
Type of enclosure	IP 55	Rotation speed	2850 rpm
Insulation class	F		

MULTI EVO-E P

Type	Code No.	Motor rating		Current	Weight
		P1	P2		
Multi EVO-E 3-40 P	N43E2540	0.80 kW	0.5 kW	5.1 A	9.8 kg
Multi EVO-E 3-50 P	N43E2151	1.00 kW	0.7 kW	7.0 A	11.8 kg
Multi EVO-E 5-40 P	N43E4140	1.00 kW	0.7 kW	7.0 A	11.9 kg
Multi EVO-E 5-50 P	N43E4151	1.25 kW	0.9 kW	8.5 A	12.7 kg



DIMENSIONS [mm]

Type	A	B	C	D	F	G	DNA	DNM	E
Multi EVO-E 3-40 P	123	373	99	211	182	137	1"	1"	198
Multi EVO-E 3-50 P	123	392	99	220	182	137	1"	1"	198
Multi EVO-E 5-40 P	123	392	99	220	182	137	1"	1"	198
Multi EVO-E 5-50 P	123	392	99	220	182	137	1"	1"	198