

BEDU
≡ POMPEN ≡

BRASS ELECTRIC PUMPS
ECC SERIES 12V and 24V



made for your process

ECC SERIES

The best solution for the suction and transfer of liquids, thanks to the strong self-priming capability and the possibility of operation even with discontinuous presence of liquid in suction. The ECC series, made of brass with a direct current motor (12 or 24 Volt DC) is used when batteries are available as a power source.

For each application, it is necessary to check the chemical resistance of the materials.

Applications:

- marine (bilge, services, cooling, washing, sea water)
- agriculture (fungicides, liquid fertilizers, components on agricultural machines, irrigation)
- transport (tankers, road machines, water systems on board)

Models:

Product	Connections	Power	Ø Hose connector	Supply	Q Max	H Max
ECC 12/20	3/4 "	0,2 KW	20 mm	12V-DC	28 lt/min	15 m
ECC 24/20	3/4 "	0,2 KW	20 mm	24V-DC	28 lt/min	17 m
ECC 12/25	1 "	0,4 KW	25 mm	12V-DC	58 lt/min	15 m
ECC 24/25	1 "	0,4 KW	25 mm	24V-DC	58 lt/min	16 m
ECC 24/40	1½"	0,7 KW	40 mm	24V-DC	148 lt/min	16 m



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Hydraulic specifications

- Shaft seal: Lipsel
- Maximum priming height: 6 m
- Maximum liquid density 1.1 kg/dm³ free of hard particles in suspension (e.g. sand)
- Maximum temperature 90 ° C (with seals on request up to 130 ° C)
- Not suitable for the transfer of petrol, solvents and, in general, in environments with risk of explosion and fire.
- Unidirectional pumping flow
- During installation, the pump must be filled with liquid, subsequently this operation is no longer necessary.

Technical specifications

MATERIALS

- Pump body : brass
- Shaft : stainless steel AISI 316
- Impeller : brass
- Lipsel : NBR
- O-ring : NBR

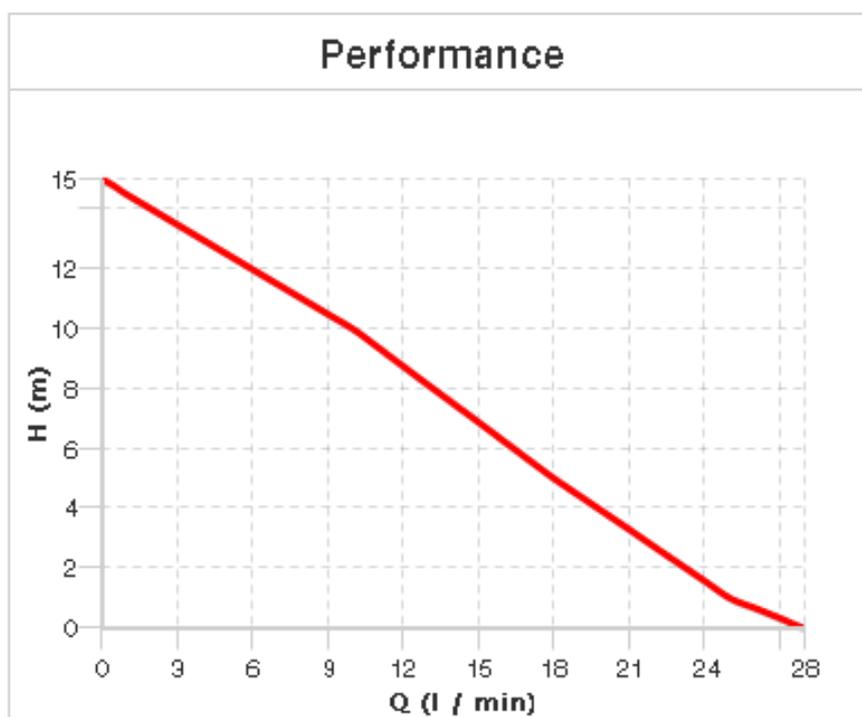
Motor

- Powered by a 12V or 24V DC motor
- 12/20 and 24/20 are equipped with MEC 63 engine at 2400 rpm from 0.3 HP/0.2 KW
- 12/25 and 24/25 are equipped with MEC 71 engine at 1700 rpm from 0,6 HP/0,4 KW
- 24/40 is equipped with MEC 90 engine at 1500 rpm from 1,0 HP/0,7 KW
- Service S1
- Insulation class F at 12/25, 24/25 and 24/40
- Degree of protection IP 23
- Power supply connection via terminal board on the motor



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ECC 12/20 SERIES

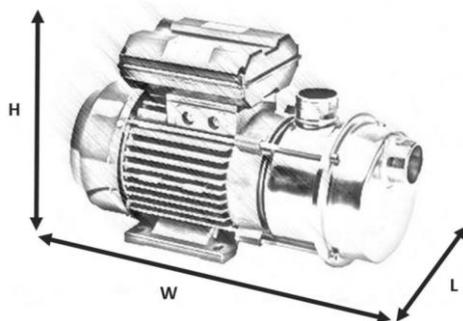


Characteristics referring to operation with water at 20 °

Flow rate (l/min)		
1 m	5 m	10 m
25 lt/min	18 lt/min	10 lt/min

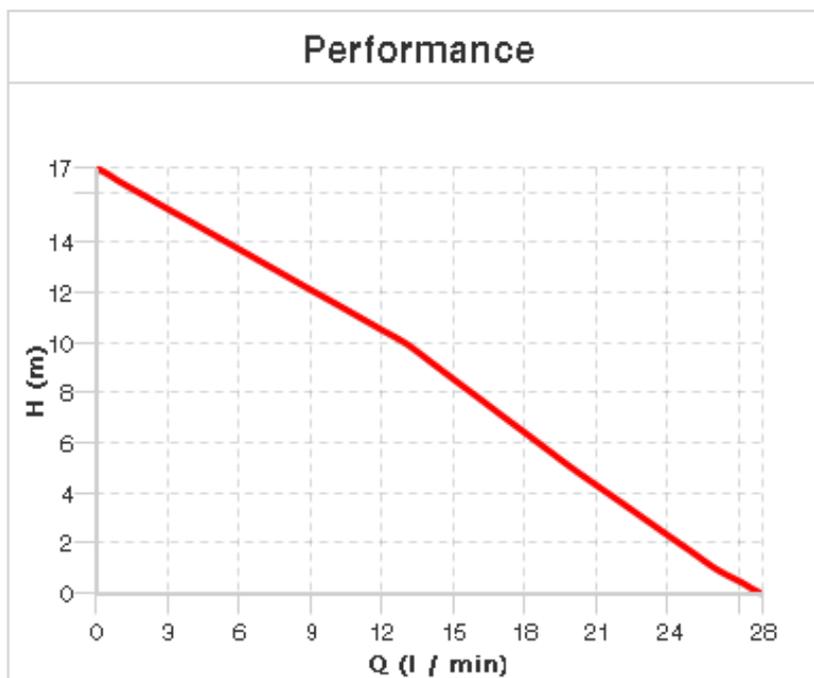
Overall dimensions				
W	L	H	Weight	Leq A *
283 mm	122 mm	154 mm	5,1 kg	75 dB

* Leq A measured 1 meter from the pump surface



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ECC 24/20 SERIES

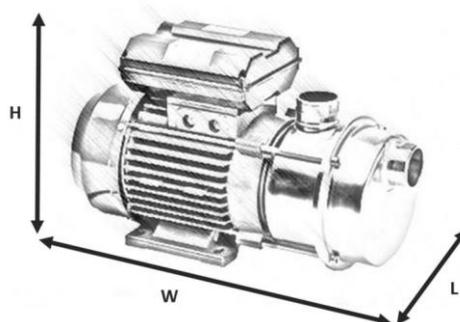


Characteristics referring to operation with water at 20 °

Flow rate (l/min)		
1 m	5 m	10 m
26 lt/min	20 lt/min	13 lt/min

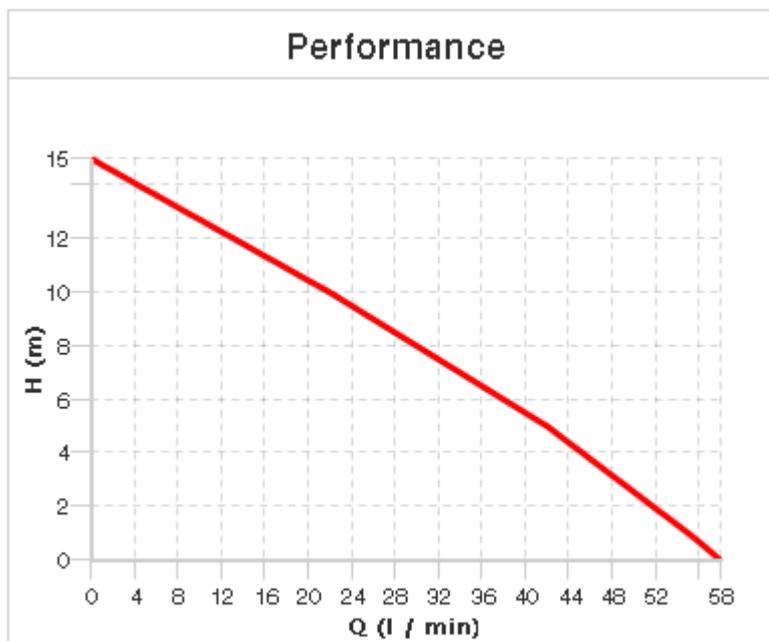
Overall dimensions				
W	L	H	Weight	Leq A *
283 mm	122 mm	154 mm	5,1 kg	76 dB

——*Leq A measured 1 meter from the pump surface



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ECC 12/25 SERIES

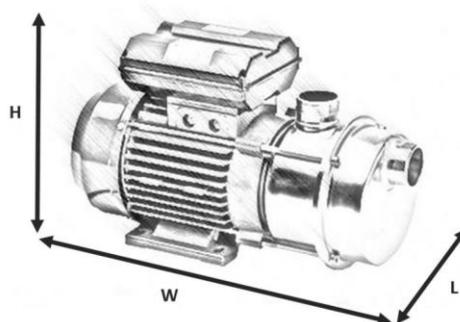


Characteristics referring to operation with water at 20 °

Flow rate (l/min)		
1 m	5 m	10 m
55 lt/min	42 lt/min	22 lt/min

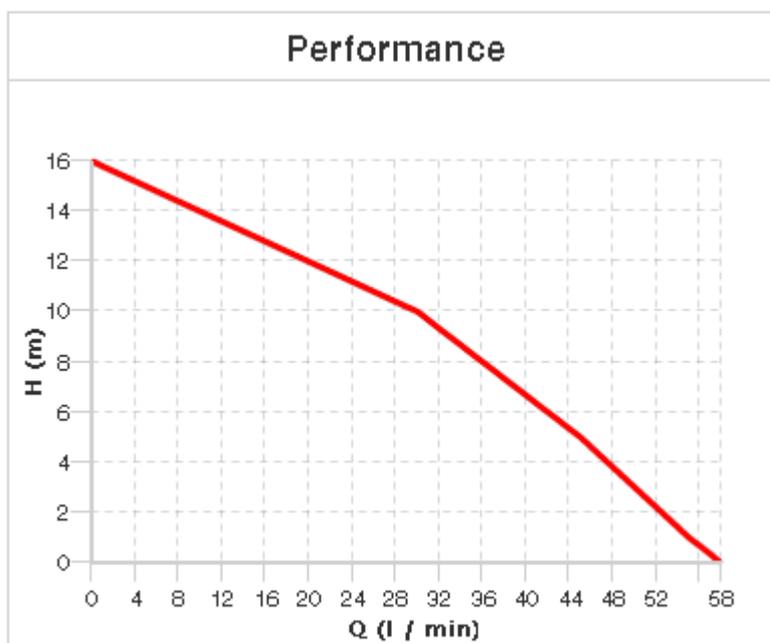
Overall dimensions				
W	L	H	Weight	Leq A *
343 mm	140 mm	172 mm	9,2 kg	74 dB

*Leq A measured 1 meter from the pump surface



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ECC 24/25 SERIES

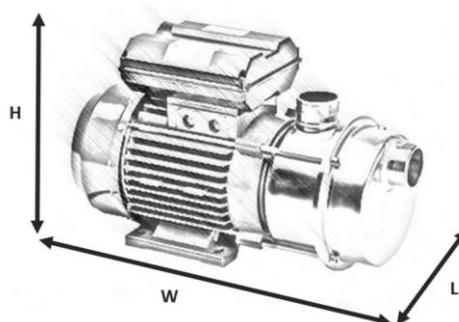


Characteristics referring to operation with water at 20 °

Flow rate (l/min)		
1 m	5 m	10 m
55 lt/min	45 lt/min	30 lt/min

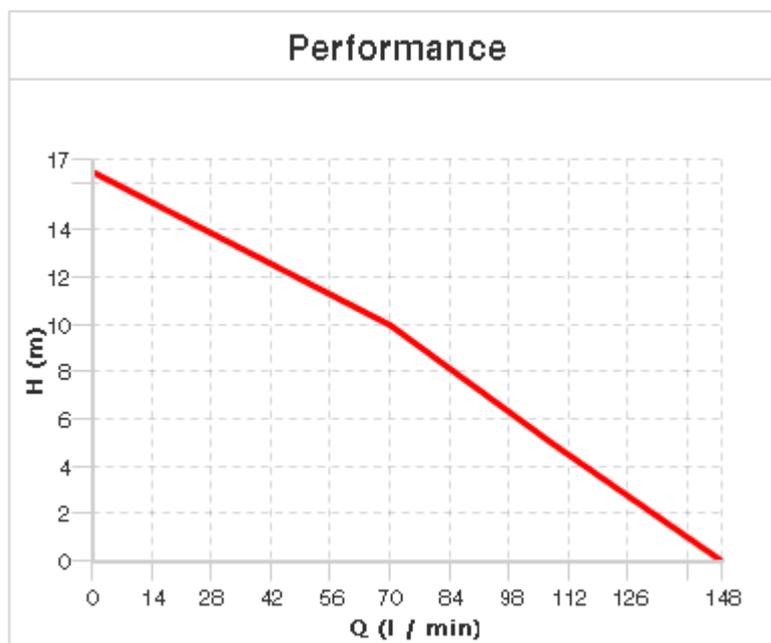
Overall dimensions				
W	L	H	Weight	Leq A *
343 mm	140 mm	172 mm	9,2 kg	75 dB

——*Leq A measured 1 meter from the pump surface



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ECC 24/40 SERIES

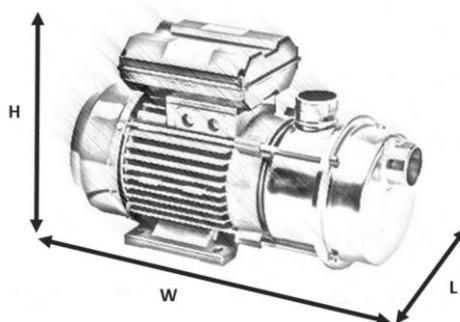


Characteristics referring to operation with water at 20 °

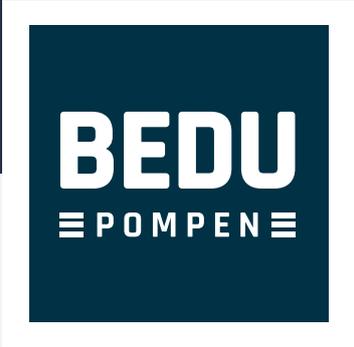
Flow rate (l/min)		
1 m	5 m	10 m
140 lt/min	108 lt/min	70 lt/min

Overall dimensions				
W	L	H	Weight	Leq A *
428 mm	178 mm	208 mm	14,9 kg	80 dB

*Leq A measured 1 meter from the pump surface



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- Expert advice
- A customer-oriented organization that adapts to the requirements and wishes of your organization
- Innovative and customized solutions
- Breakdownservice, 24 hours a day, 7 days a week
- Technical service with extensive test facilities, working from our own workplace or at your location
- A fast and appropriate solution for all your issues
- Wide range of liquid pumps
- Repair, maintenance and revision

BEDU POMPEN B.V.
Poort van Midden Gelderland Rood 10
6666 LT HETEREN
Nederland
Telefoon +31 (0)88 4802 900
E-mail sales@bedu.eu

WWW.BEDU.NL

BEDU BELGIUM B.V.B.A.
Industriepark-West 75
9100 SINT-NIKLAAS
België
Telefoon +32 (0)3 80 87 980
E-mail sales@bedu.eu

WWW.BEDU.BE

