

Submersible pumps for clear water

Applications

Drainage of water without solids in suspension.
Drainage of seepage water or rainwater, via tanks and vats.

Materials

External housing, suction filter, cover and impeller made of AISI 304 stainless steel.
Diffusor in cast iron (G20)
Mechanical seal in silicon carbide-alumina and alumina-carbon
NBR O-ring seals.
Motor shaft pump side in stainless steel AISI 316.

Limitations

Through section: 8 mm.
Maximum immersion: 9 m.
Maximum liquid temperature: 40 °C.
with pump totally immersed.

Motor

Asynchronous two poles with oil bath lubrication.
Class F insulation.
IP 68 protection.

Features

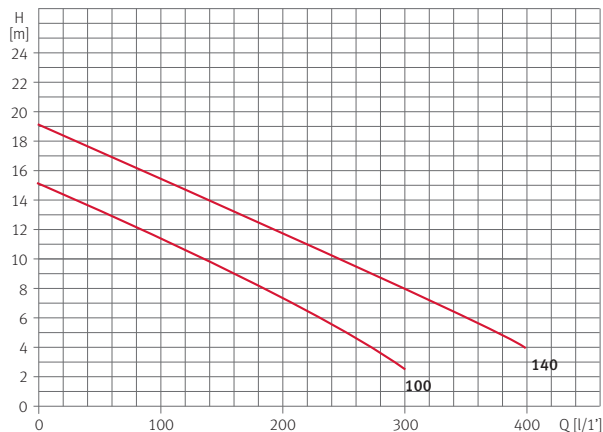
10 m long power cable.
Single-phase versions with built-in capacitor and thermal protection.



Hydraulic performance table

Model	I [A]		P1 [kW]	P2		l/min	0	25	50	100	150	200	250	300	400	1~230 V (Model M.A)
	1~230 V	3~400 V		[kW]	[HP]		m ³ /h	0	1.5	3	6	9	12	15	18	24
DMR 100	6.5	2.6	1.3	0.75	1	mwc	15	14	12.8	11.2	9.2	7.4	5.2	2.6		DMR 100MA
DMR 140	9	3	2	1.1	1.5		19.5	19	18.5	17.5	16	14	11.8	9.2	4	DMR 140MA

Performance curves at 2900 rpm



*Service kits are available on request

Dimensions and weights

Model	A	B	C	D	Kg
DMR 100	1 1/2"	190	213.5	300	13.5
DMR 140	1 1/2"	190	213.5	344	18.2

