

## Portable submersible pumps for drainage

### Applications

Emptying of drains, residential sumps, rain water tanks, etc.  
 Emergency emptying of flooded garages or basements.  
 Water transfer from tanks and cisterns.

### Materials

Outer casing: stainless steel AISI 304.  
 Impeller in tecnopolymer.  
 Diffuser, motor casing, pump base and upper cover in stainless steel AISI 304.  
 Pump shaft in stainless steel AISI 303.  
 Double sealed. Mechanical seal on the pump side in silicon carbide/alumine oxidized. Lip seal on motor side in NBR.  
 O-rings: NBR.

### Motor

Asynchronous single-phase, two poles.  
 Built-in thermal protection and capacitor.  
 Cooling via circulation of pumped liquid.  
 Protection IP 68.  
 Isolation class F.

### Limitations

Maximum immersion: 5 m.  
 Maximum liquid temperature: 40 °C.  
 Maximum passage of solids: Ø10 mm.

### Equipment

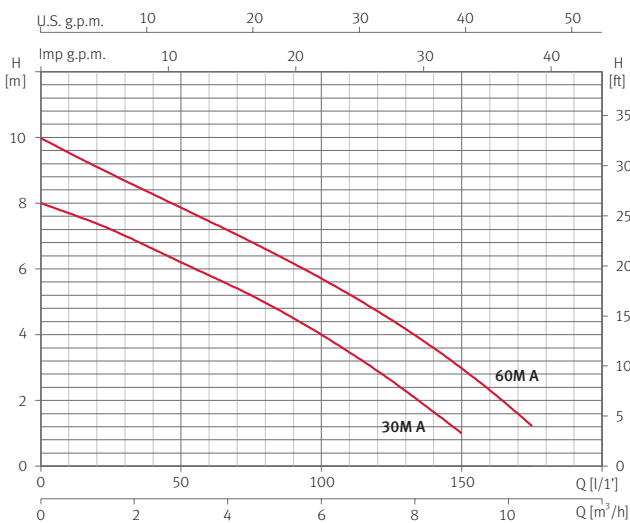
Supplied with 5 m of electric cable HO7RN-F and plug.  
 With float switch.  
**MXO M:** without float switch.  
**MXO M A:** with float switch.



## Hydraulic performance table

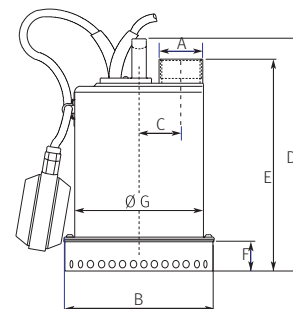
Model	I [A]	P1 [kW]	P2		c	l/min	0	25	50	75	100	125	150	175	Code
	1~230 V	1~230 V	[kW]	[HP]	[µF]	m³/h	0	1.5	3.0	4.5	6.0	7.5	9.0	10.5	
MXO 30	2.2	0.5	0.25	0.33	8	mwc	8.0	7.2	6.2	5.2	4.0	2.6	1.0		197365
MXO 60	3.0	0.7	0.45	0.6	10		10.0	8.8	8.0	6.8	5.6	4.5	3.0	1.2	197366

## Performance curves at 2900 rpm



## Dimensions and weights

Model	A	B	C	D	E	F	G	Kg
MXO 30	1 3/4"	154	47	249	228	45	Ø132	5.5
MXO 60	1 1/4"	154	47	249	228	45	Ø132	6.2



\*Service kits are available on request