

QUALITY Stainless Steel 5" Submersible Multistage Pumps Type IDROGO

APPLICATIONS

- 5" submersible centrifugal multistage pumps with structure in AISI 304
- Suitable for the movement of clean water from wells, tanks for irrigation system.
- The double mechanical seal ensure long life and improved reliability

SPECIFICATIONS

- Maximum working pressure : 10 bar
- Maximum liquid temperature : 40°C
- Installation: horizontal and vertical position
- Maximum immersion : 20m
(10m with float switch)

MATERIALS

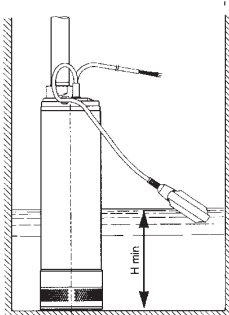
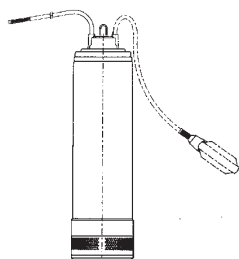
- External casing, motor casing, casing cover and closing ring in AISI 304
- Impeller, diffuser and spacer in technopolymer
- Shaft in AISI 431
- Upper mechanical seal in carbon/ceramic/NBR,
lower mechanical seal in SiC/Carbon/NBR

TECHNICAL DATA

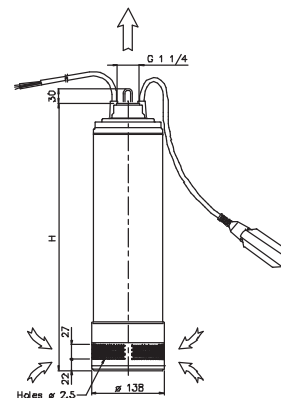
- Asynchronous 2 poles motor cooled by the pumped liquid
- Insulation : class F
- Protection degree : IP68
- 1~230V $\pm 10\%$ 50Hz, 3~400V $\pm 10\%$ 50Hz
- Permanent split capacitor and automatic thermal overload protection for single-phase version
- Thermal protection to be provided by the user for three-phase version
- DNM 1" 1/4



Single phase version with float switch (upon request)



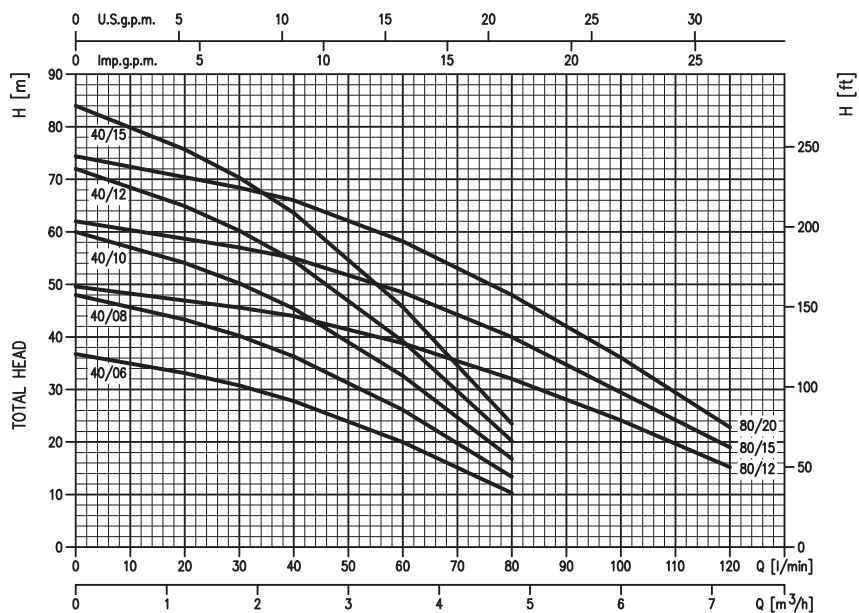
When using the pump in a pit, the recommended minimum size of the pit is 600 mm x 600 mm x 600 mm to allow unrestricted movement of the automatic float switch



DIMENSIONAL TABLE

Pump type		H (mm)	Weight (kg)	
Single-phase	Three-phase		1~	3~
IDROGO M 40/06*	-	513	13	-
IDROGO M 40/08	IDROGO M 40/08	513	15	15
IDROGO M 40/10	IDROGO M 40/10	539	16	16
IDROGO M 40/12	IDROGO M 40/12	590	17	17
IDROGO M 40/15	IDROGO M 40/15	616	18	18
IDROGO M 80/12	IDROGO M 80/12	540	16	16
IDROGO M 80/15	IDROGO M 80/15	564	17	17
-	IDROGO M 80/20	590	-	18

*Supplied with 5m cable length type HØ7RN-F



PERFORMANCE TABLE

Pump type	kW	Capacitor µF Vc	Absorbed Current (A)		Q = Capacity											
			1~	3~ 400V	l/min m³/h	20	30	40	60	80	100	120				
Single-phase 230V 50Hz																
Three-phase 400V 50Hz																
IDROGO M 40/06	0.45	16 450	3.8	-		33.1	30.8	27.8	20	10.3	-	-				
IDROGO M 40/08	0.6	16 450	4.3	1.9		43.3	40.2	36.3	26.1	13.4	-	-				
IDROGO M 40/10	0.75	20 450	5.7	2.2		54.1	50.2	45.4	32.6	16.8	-	-				
IDROGO M 40/12	0.9	20 450	6.8	2.4		64.9	60.2	54.5	39.2	20.2	-	-				
IDROGO M 40/15	1.1	31.5 450	7.3	3.0		75.7	70.3	63.6	45.7	23.5	-	-				
IDROGO M 80/12	0.9	20 450	6.4	2.3		-	45.6	44	38.8	32	23.2	15.2				
IDROGO M 80/15	1.1	31.5 450	7.5	3.1		-	57	55	48.5	40	28	19				
-	1.5	- -	-	3.5		-	68.4	66	58.2	48	34.8	22.8				

*All specifications are subject to change without prior notice.



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