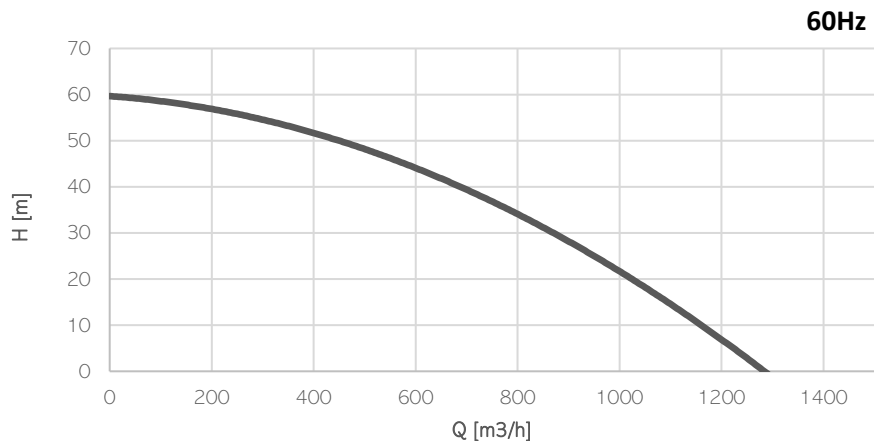
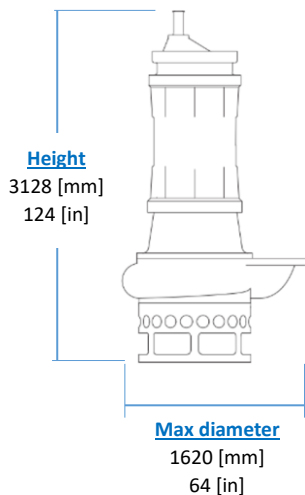


ELECTRIC PUMP

EL300



Performance of the pump in accordance with the standard UNI EN ISO 9906:2012



KG
Weight
(without cable)
5170 [kg]
11400 [lb]

Electrical motor

Insulation class H

Cable

2 x H07RN-F 4G95 length 20m

Operating Conditions

Max liquid temperature 35°C
Min Submersion depth 2900 mm

Model	EL300
Brake Power [kW HP]	265 360
Electric Power [kW HP]	280 380
Frequency [Hz]	60
Efficiency [%]	60%
Number of Poles	8
RPM	880
Voltage [V]	480
Rated Current [A]	420
Solid handling [mm in]	150 5,9
Discharge [DN-PN]	250 PN10

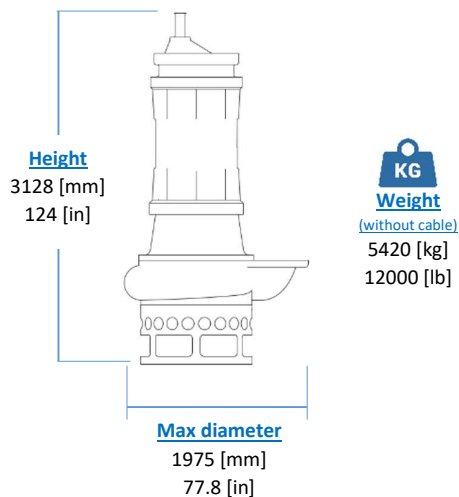
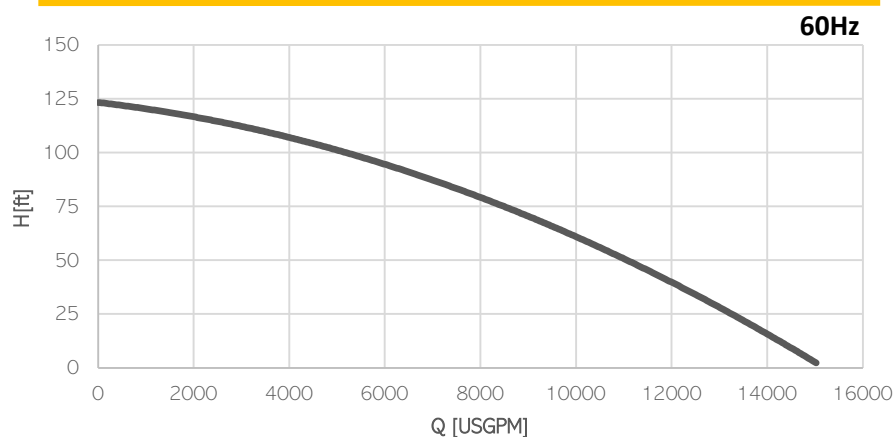
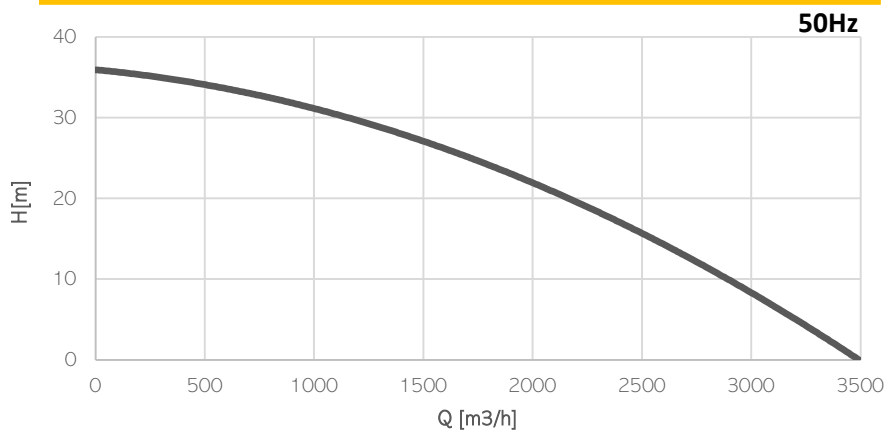
Materials

Part	Standard
Casing	Cast Iron EN-GJS500
Body	Cast Iron EN-GJS500
Wear Parts	High chrome EN-GJN-HV600 (CH6)
Minimum hardness [HB]	550
Main shaft	High tensile 39NiCrMo3
PH Range	5-10

Seals and lubricants

Version	STANDARD	MG
Motor Side	LIPS	MECHANICAL
Impeller Side	LIPS	LIPS
Oil type	EP320	ISO32

ELECTRIC PUMP EL300HC



Electrical motor

| Insulation class H

Cable

| 2 x H07RN-F 4G95 length 20m (IEC 60245-4)

Operating Conditions

| Max liquid temperature 35°C
| Min Submersion depth 2900mm

Model	EL300 HC	
Brake Power [kW HP]	240 322	
Electric Power [kW HP]	255 342	
Frequency [Hz]	50	60
Efficiency [%]	64%	63%
Number of Poles	8	8
RPM	745	895
Voltage [V]	400	460
Rated Current [A]	450	390
Solid handling [mm in]	120 4,7	
Discharge [DN PN]	450 PN10	

Materials

Part	Standard
Casing	Cast Iron EN-GJS500
Body	Cast Iron EN-GJS500
Wear Parts	High chrome EN-GJN-HV600 (CH6)
Minimum hardness [HB]	550
Main shaft	High tensile 39NiCrMo3
PH Range	5-10

Seals and lubricants

Version	STANDARD	MG
Motor Side	LIPS	MECHANICAL
Impeller Side	LIPS	LIPS
Oil type	EP320	ISO32