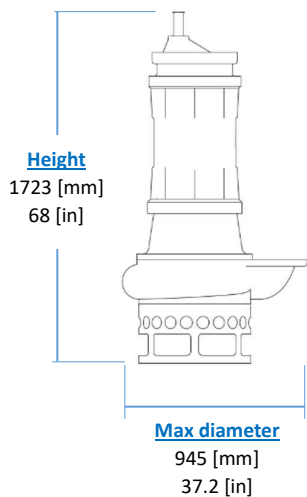


ELECTRIC PUMP

EL604



KG
Weight
(without cable)
1100 [kg]
2425 [lb]

Electrical motor

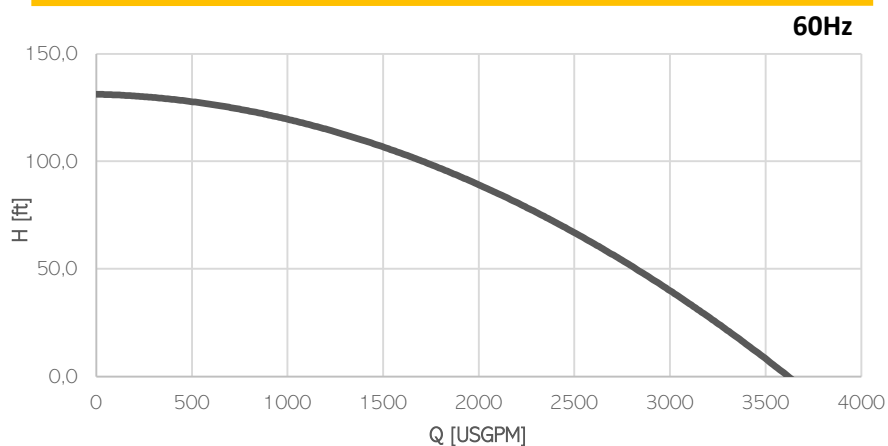
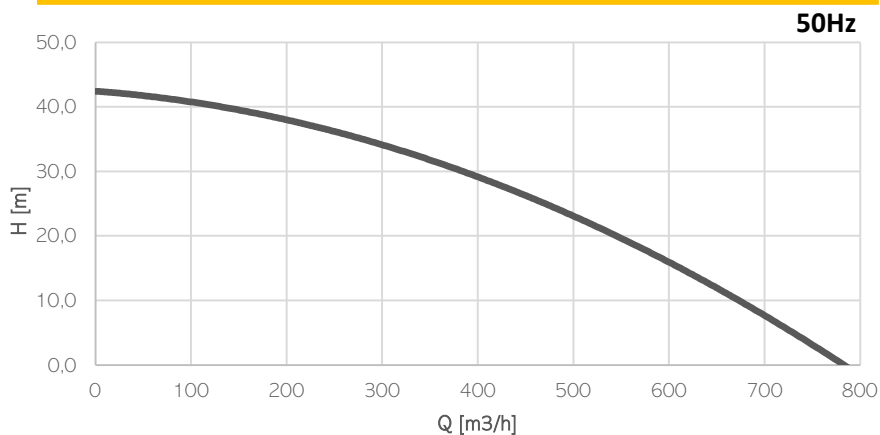
| Insulation class H

Cable

| 1 x H07RN-F 4G35 length 20m

Operating Conditions

| Max liquid temperature 35°C
| Min Submersion depth 1510 mm



Model	EL604	
Brake Power [kW HP]	75 100	
Electric Power [kW HP]	80 107	
Frequency [Hz]	50	60
Efficiency [%]	54%	45%
Number of Poles	4	4
RPM	1480	1776
Voltage [V]	400	460
Rated Current [A]	131	115
Solid handling [mm in]	60 2.4	
Discharge [DN-PN]	150-10	

Materials

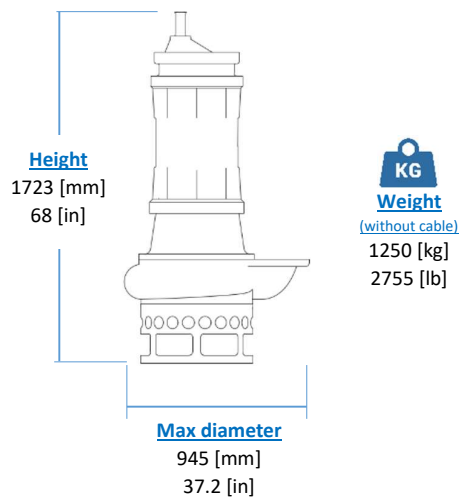
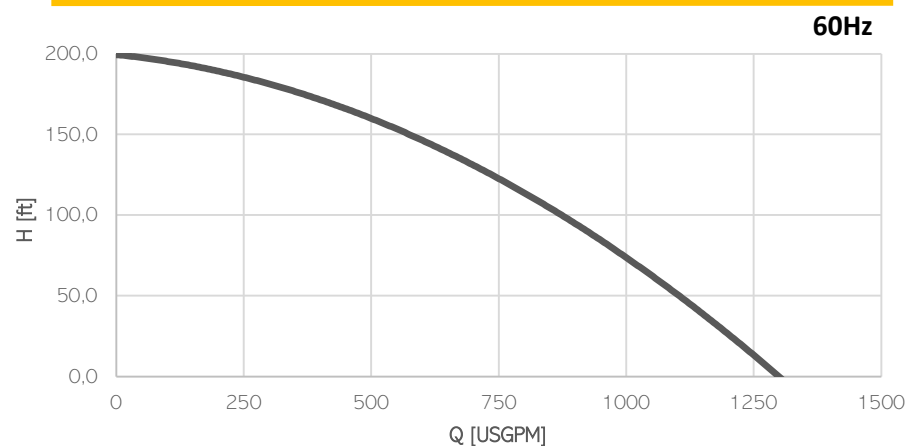
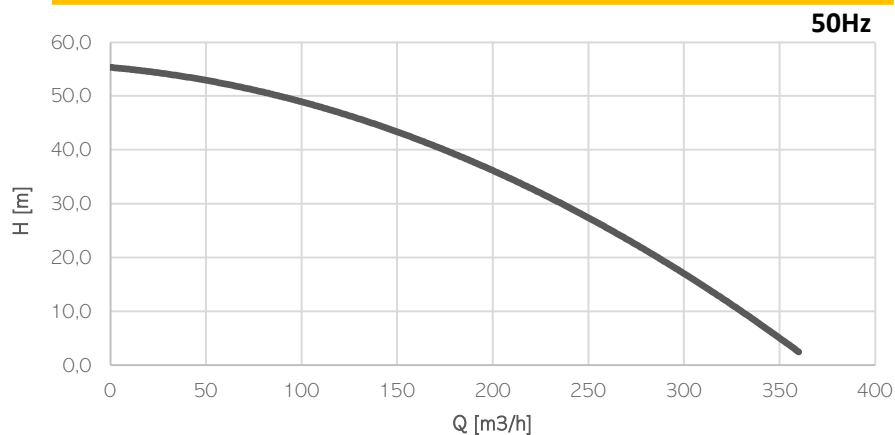
Part	Standard
Casing	Cast Iron EN-GJS800
Body	Cast Iron EN-GIL250
Wear Parts	High chrome EN-GJN-HV600 (CH6)
Minimum hardness [HB]	550
Main shaft	High tensile 39NiCrMo3
PH Range	5-10

Seals and lubricants

Version	EL604	MG	MS
Motor Side	LIPS	MECHANICAL	MECHANICAL
Impeller Side	LIPS	LIPS	MECHANICAL
Oil type	EP320	ISO32	ISO32

ELECTRIC PUMP

EL604HH



Electrical motor

| Insulation class H

Cable

| 1 x H07RN-F 4G35 length 20m

Operating Conditions

| Max liquid temperature 35°C
| Min Submersion depth 1510 mm

Model	EL604HH	
Brake Power [kW HP]	75 100	
Electric Power [kW HP]	80 107	
Frequency [Hz]	50	60
Efficiency [%]	48%	47%
Number of Poles	4	4
RPM	1480	1776
Voltage [V]	400	460
Rated Current [A]	131	115
Solid handling [mm in]	35 1.4	
Discharge [DN-PN]	100-10	

Materials

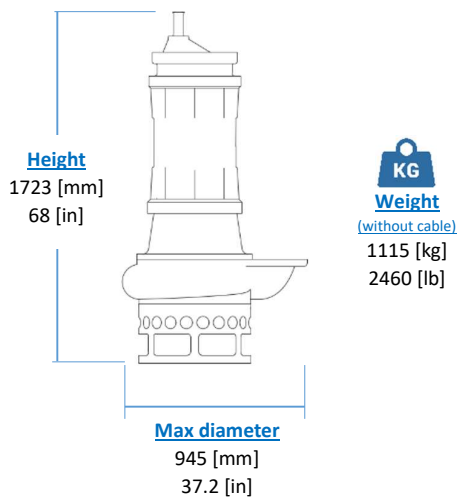
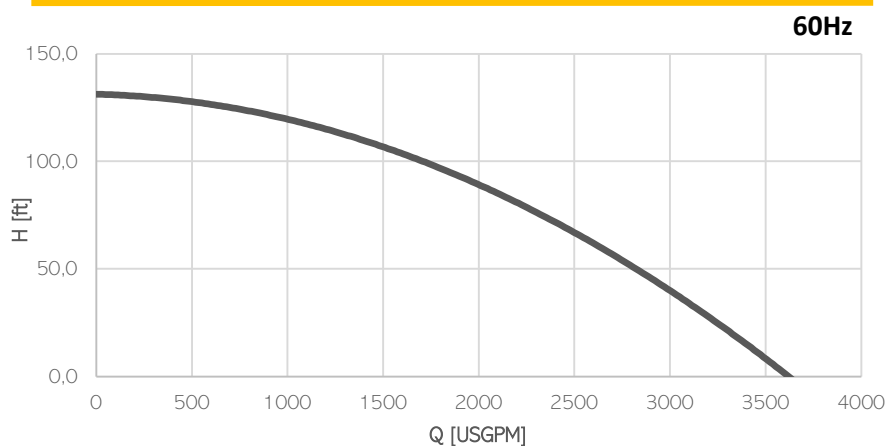
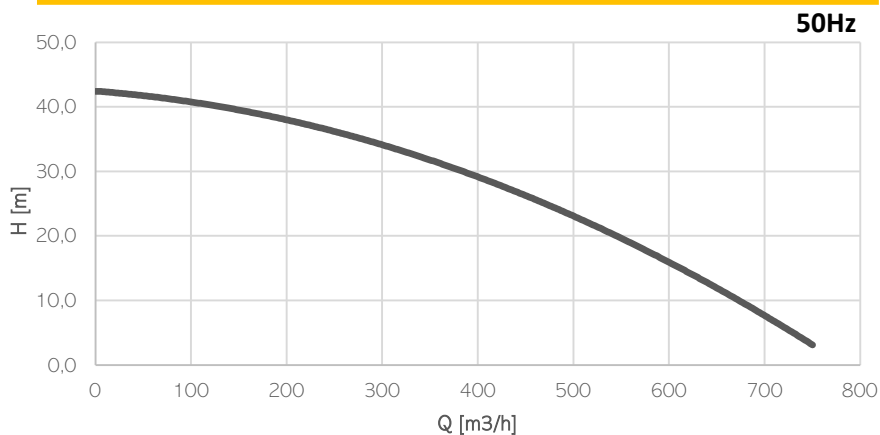
Part Part	Standard
Casing	Cast Iron EN-GJS800
Body	Cast Iron EN-GIL250
Wear Parts	High chrome EN-GJN-HV600 (CH6)
Minimum hardness [HB]	550
Main shaft	High tensile 39NiCrMo3
PH Range	5-10

Seals and lubricants

Version	-	MG	MS
Motor Side	-	MECHANICAL	MECHANICAL
Impeller Side	-	LIPS	MECHANICAL
Oil type	-	ISO32	ISO32

ELECTRIC PUMP

EL604S



Electrical motor

| Insulation class H

Cable

| 1 x H07RN-F 4G50 length 20m

Operating Conditions

| Max liquid temperature 35°C
| Min Submersion depth 1510 mm

Model	EL604S	
Brake Power [kW HP]	90 120	
Electric Power [kW HP]	96 128	
Frequency [Hz]	50	60
Efficiency [%]	54%	45%
Number of Poles	4	4
RPM	1480	1776
Voltage [V]	400	460
Rated Current [A]	158	141
Solid handling [mm in]	60 2.4	
Discharge [DN-PN]	150-10	

Materials

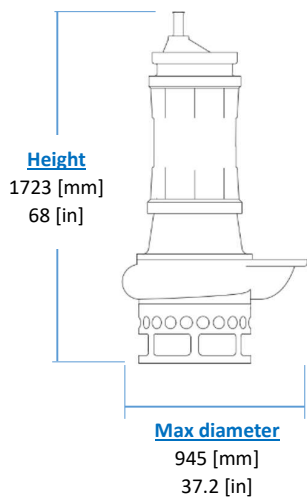
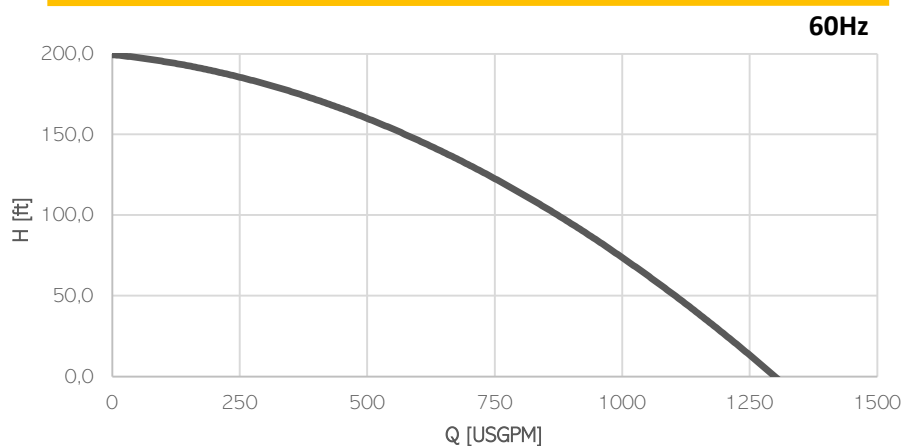
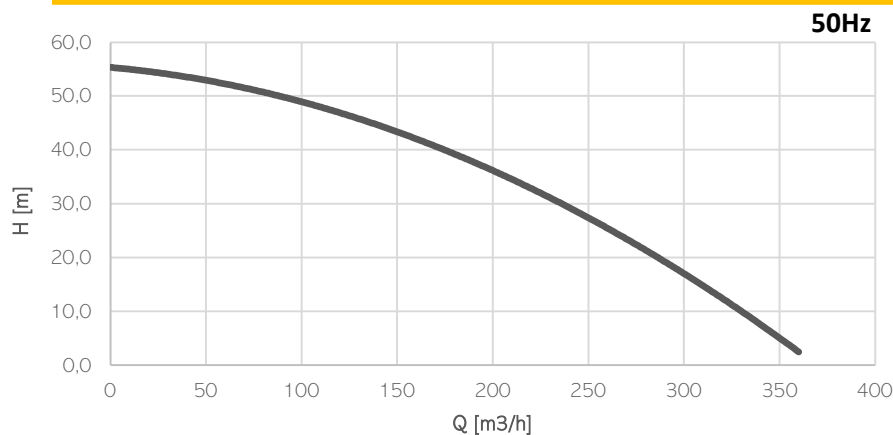
Part	Standard
Casing	Cast Iron EN-GJS800
Body	Cast Iron EN-GIL250
Wear Parts	High chrome EN-GJN-HV600 (CH6)
Minimum hardness [HB]	550
Main shaft	High tensile 39NiCrMo3
PH Range	5-10

Seals and lubricants

Version	EL604S	MG	MS
Motor Side	LIPS	MECHANICAL	MECHANICAL
Impeller Side	LIPS	LIPS	MECHANICAL
Oil type	EP320	ISO32	ISO32

ELECTRIC PUMP

EL604SHH



KG
Weight
(without cable)
1250 [kg]
2755 [lb]

Electrical motor

| Insulation class H

Cable

| 1 x H07RN-F 4G35 length 20m

Operating Conditions

| Max liquid temperature 35°C
| Min Submersion depth 1510 mm

Model	EL604SHH	
Brake Power [kW HP]	90 120	
Electric Power [kW HP]	96 128	
Frequency [Hz]	50	60
Efficiency [%]	48%	47%
Number of Poles	4	4
RPM	1480	1776
Voltage [V]	400	460
Rated Current [A]	158	141
Solid handling [mm in]	35 1.4	
Discharge [DN-PN]	100-10	

Materials

Part	Standard
Casing	Cast Iron EN-GJS800
Body	Cast Iron EN-GIL250
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	-	MG	MS
Motor Side	-	MECHANICAL	MECHANICAL
Impeller Side	-	LIPS	MECHANICAL
Oil type	-	ISO32	ISO32