

Electric pump

EL5

PUMP SPECIFICATIONS

Capacity [m ³ /h]	30
Head [m]	12.4
Impeller diameter [mm]/type	245/4 blades opened
Hose adaptor diameter [mm]	80
Cross section diameter [mm]	20
Weight (without cable) [kg]	185

ELECTRIC MOTOR

Power [kW-HP]	3.7-5
Voltage [V]/Current [A]	230-400/13.2-7.6
Phases/Poles/Frequency [Hz]	3/4/50
Speed [RPM]	1450
Insulation class	H
Powercable 20m (IEC 60245- 4)	H07RN-F 4G10

MATERIALS

Casing	Spheroidal cast iron EN-GJS-500-7 (EN 1563)
Motor housing	Spheroidal cast iron EN-GJS-500-7 (EN 1563)
Wear parts	High chrome EN-GJN-HV600 (XCr18) (EN 12513)
Main shaft	High tensile steel 39NiCrMo3 (AISI 9840)

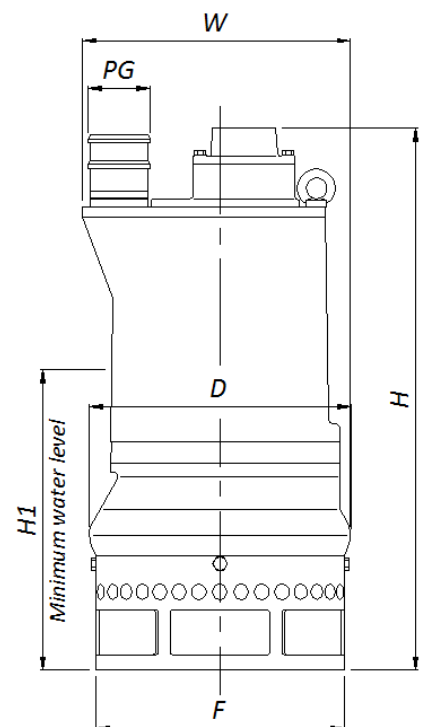
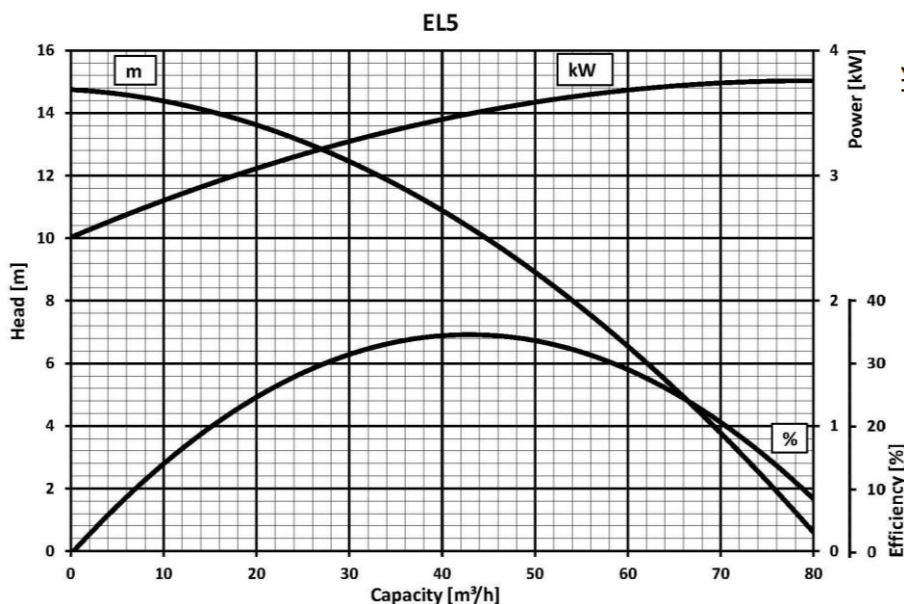
SEALS / LUBRICANT

Motor side seals	1 mechanical seal (silicon carbide in oil bath)
Impeller side seals	1 mechanical seal (silicon carbide in oil bath) + 4 lip seal (2 BUNA + 2 TPU)
Oil type	ISO 32

DIMENSIONS [mm]

H	W	D	F	H1	PG
780	385	360	337	500	80

PERFORMANCE CURVES



Electric pump

EL5

PUMP SPECIFICATIONS

Capacity [m ³ /h - (USGPM)]	30 - (132)
Head [m - (ft)]	12.4 -(40)
Impeller diameter [mm - (in)]/type	210 - (8.3)/4 blades opened
Hose adaptor diameter [mm - (in)]	80 - (3)
Cross section diameter [mm - (in)]	20 - (0.8)
Weight (without cable) [kg - (lbs)]	185 - (407)

ELECTRIC MOTOR

Power [kW-HP]	3.7-5
Voltage [V]/Current [A]	280-460/11.1-6.7
Phases/Poles/Frequency [Hz]	3/4/60
Speed [RPM]	1750
Insulationclass	H
Powercable 20m (IEC 60245- 4)	H07RN-F 4G10

MATERIALS

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Main shaft	High tensile steel 39NiCrMo3 (AISI 9840)

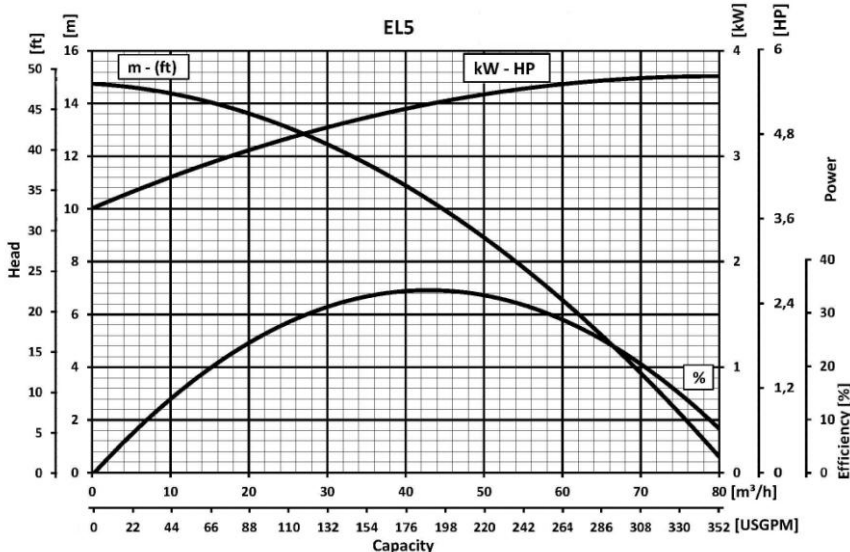
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Oil type	ISO 32

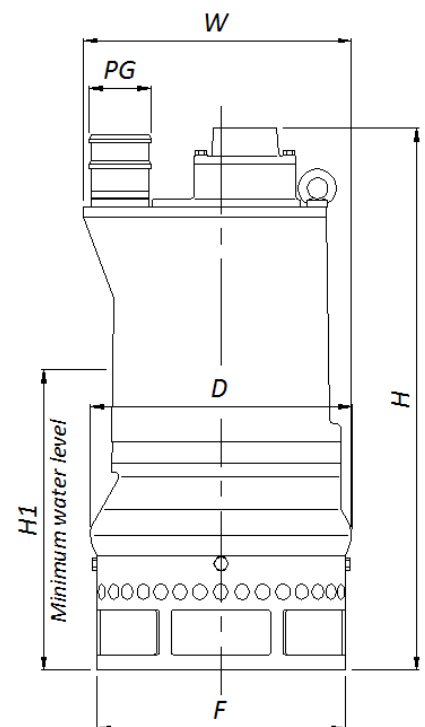
DIMENSIONS [mm- (in)]

H	W	D	F	H1	PG
780	385	360	337	500	80
(31.2)	(15.4)	(14.4)	(13.5)	(20)	(3.2)

PERFORMANCE CURVES



We reserve the right to make changes without notice



Electric pump

EL7.5

PUMP SPECIFICATIONS

Capacity [m ³ /h]	60
Head [m]	12
Impeller diameter [mm]/type	260/4 blades opened
Hose adaptor diameter [mm]	100
Cross section diameter [mm]	25
Weight (without cable) [kg]	260

ELECTRIC MOTOR

Power [kW-HP]	5.5-7.5
Voltage [V]/Current [A]	230-400/19.1-11
Phases/Poles/Frequency [Hz]	3/4/50
Speed [RPM]	1450
Insulation class	H
Power cable 20m (IEC 60245- 4)	H07RN-F 4G10

MATERIALS

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Motor housing	Spheroidal cast iron EN-GJS-500-7 (EN 1563)
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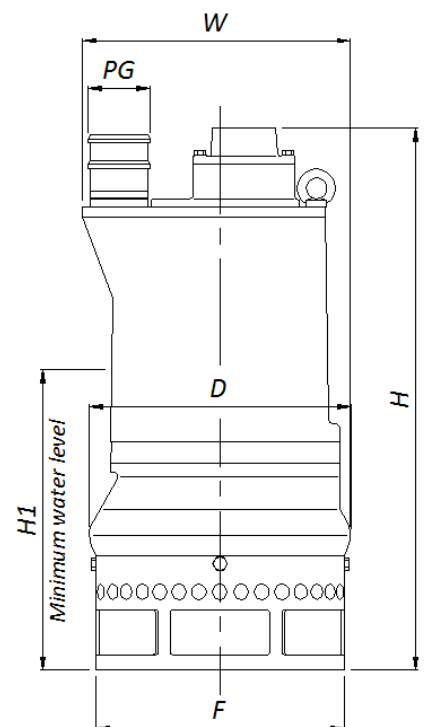
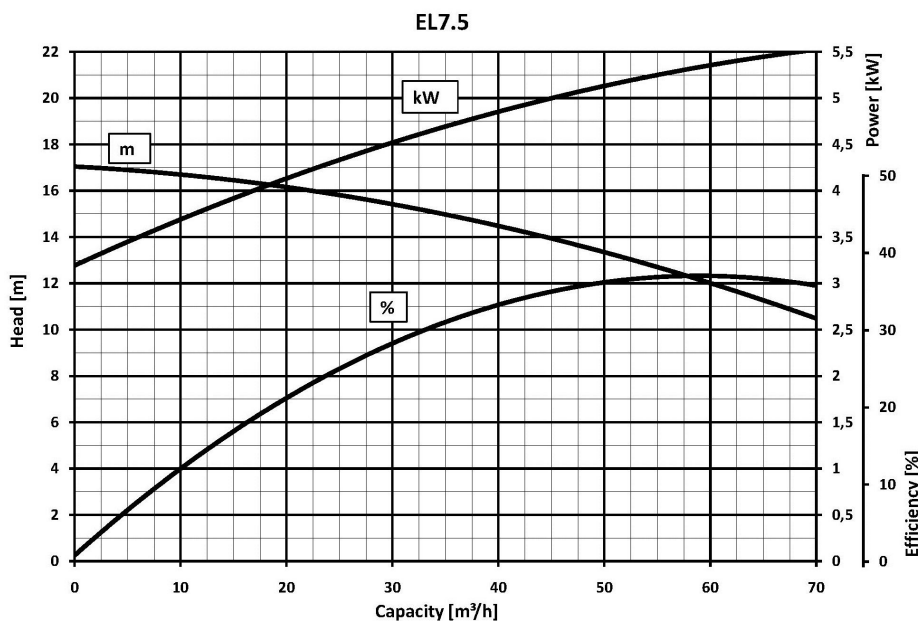
SEALS / LUBRICANT

Motor side seals	1 mechanical seal (silicon carbide in oil bath)
Impeller side seals	1 mechanical seal (silicon carbide in oil bath) + 4 lip seal (2 BUNA + 2 TPU)
Oil type	ISO 32

DIMENSIONS [mm]

H	W	D	F	H1	PG
920	435	435	415	550	100

PERFORMANCE CURVES



Electric pump

EL7.5

PUMP SPECIFICATIONS

Capacity [m ³ /h - (USGPM)]	60 - (264)
Head [m - (ft)]	12 - (38,7)
Impeller diameter [mm - (in)]/type	225 - (9)/4 blades opened
Hose adaptor diameter [mm - (in)]	100 - (4)
Cross section diameter [mm - (in)]	25 - (1)
Weight (without cable) [kg - (lbs)]	250 - (550)

ELECTRIC MOTOR

Power [kW-HP]	5.5-7.5
Voltage [V]/Current [A]	280-460/16.1-9.8
Phases/Poles/Frequency [Hz]	3/4/60
Speed [RPM]	1750
Insulationclass	H
Powercable 20m (IEC 60245- 4)	H07RN-F 4G10

MATERIALS

Casing	Spheroidal cast iron EN-GJS-500-7 (EN 1563)
Motor housing	Spheroidal cast iron EN-GJS-500-7 (EN 1563)
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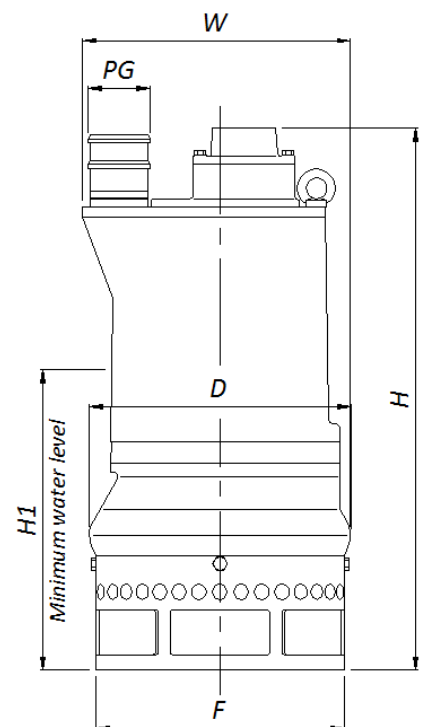
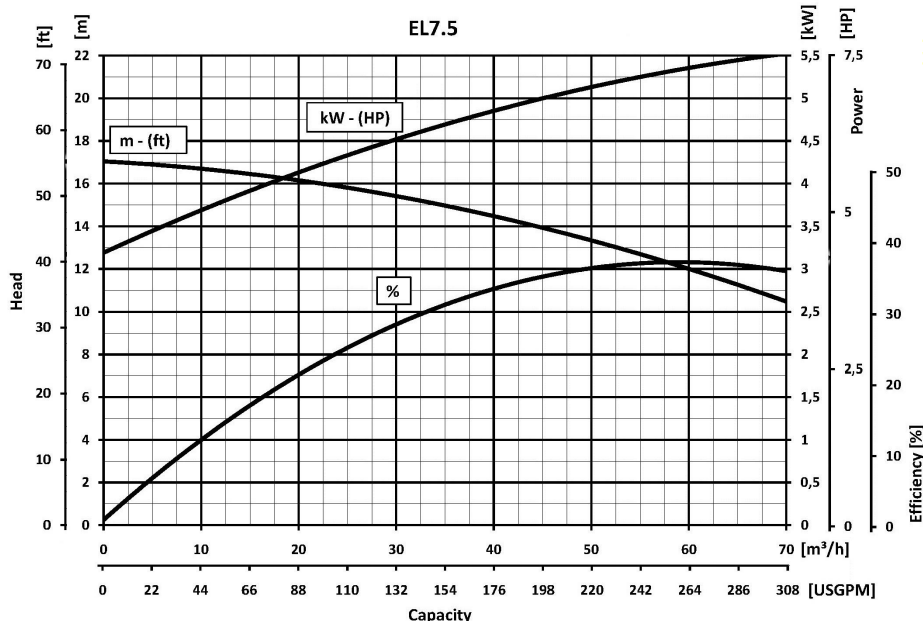
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Oil type	ISO 32

DIMENSIONS [mm - (in)]

H	W	D	F	H1	PG
920	435	435	415	550	100
(36.8)	(17.4)	(17.4)	(16.6)	(22)	(4)

PERFORMANCE CURVES



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Electric pump

EL7.5S

PUMP SPECIFICATIONS

Capacity [m ³ /h]	58
Head [m]	12
Impeller diameter [mm]/type	260/4 blades opened
Hose adaptor diameter [mm]	100
Cross section diameter [mm]	25
Weight (without cable) [kg]	260

ELECTRIC MOTOR

Power [kW-HP]	7.5-10
Voltage [V]/Current [A]	230-400/25.5-14.6
Phases/Poles/Frequency [Hz]	3/4/50
Speed [RPM]	1450
Insulation class	H
Power cable 20m (IEC 60245- 4)	H07RN-F 4G10

MATERIALS

Casing	Spheroidal cast iron EN-GJS-500-7 (EN 1563)
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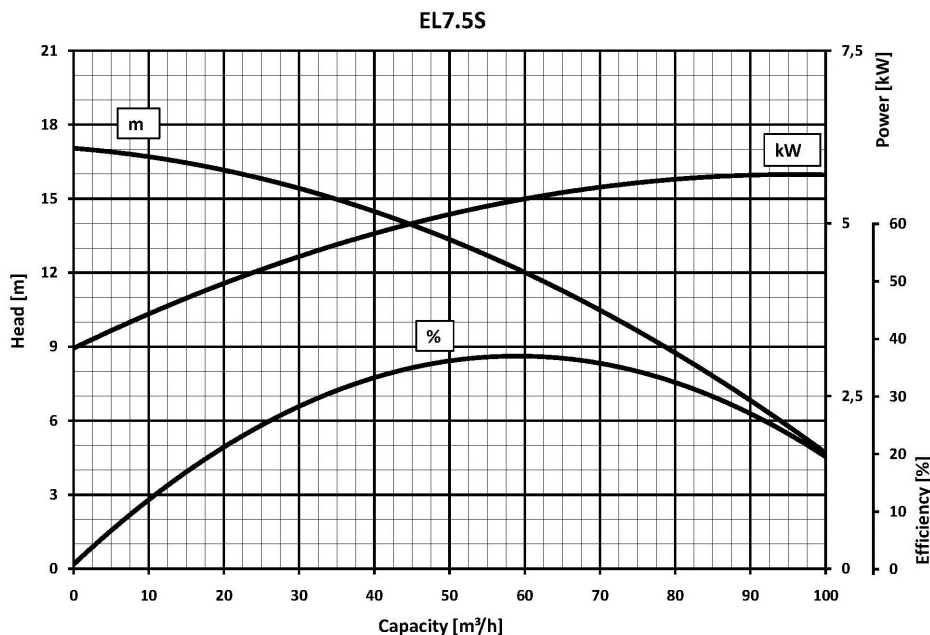
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Oil type	ISO 32

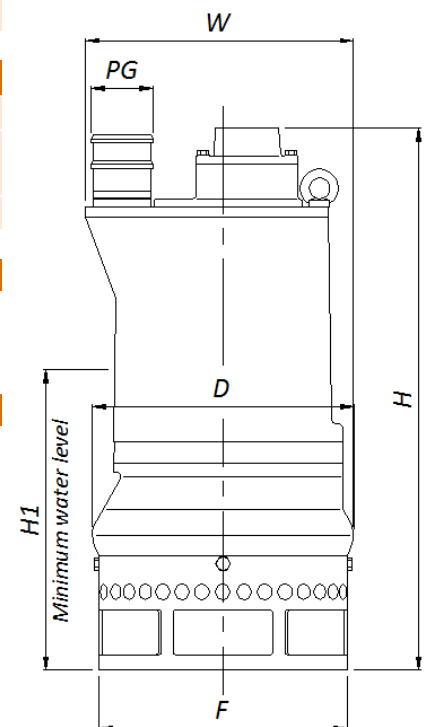
DIMENSIONS [mm]

H	W	D	F	H1	PG
920	435	435	415	550	100

PERFORMANCE CURVES



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Electric pump

EL7.5S

PUMP SPECIFICATIONS

Capacity [m ³ /h - (USGPM)]	58 - (255)
Head [m - (ft)]	12 - (38,7)
Impeller diameter [mm - (in)]/type	225 - (9)/4 blades opened
Hose adaptor diameter [mm - (in)]	100 - (4)
Cross section diameter [mm - (in)]	25 - (1)
Weight (without cable) [kg - (lbs)]	260 - (572)

ELECTRIC MOTOR

Power [kW-HP]	7.5-10
Voltage [V]/Current [A]	280-460/21.4-13
Phases/Poles/Frequency [Hz]	3/4/60
Speed [RPM]	1750
Insulation class	H
Power cable 20m (IEC 60245- 4)	H07RN-F 4G10

MATERIALS

Casing	Spheroidal cast iron EN-GJS-500-7 (EN 1563)
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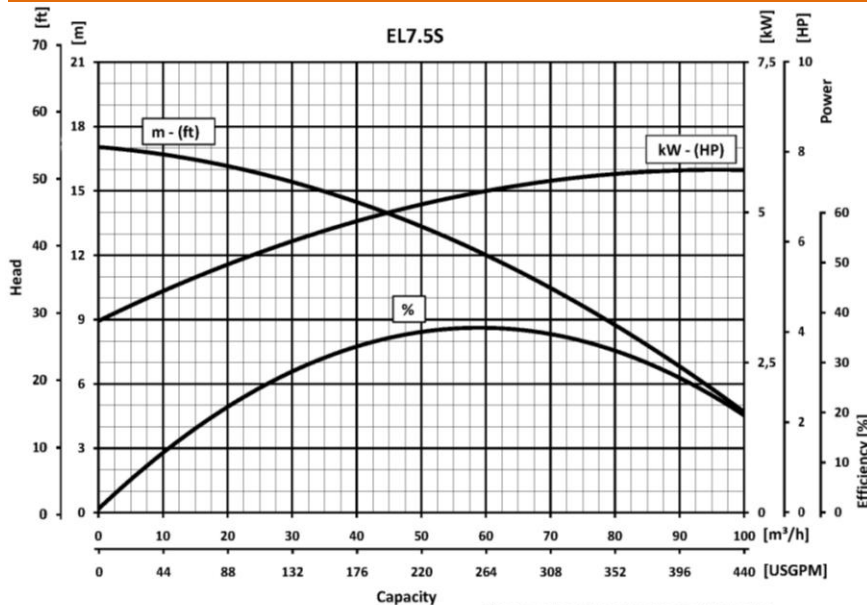
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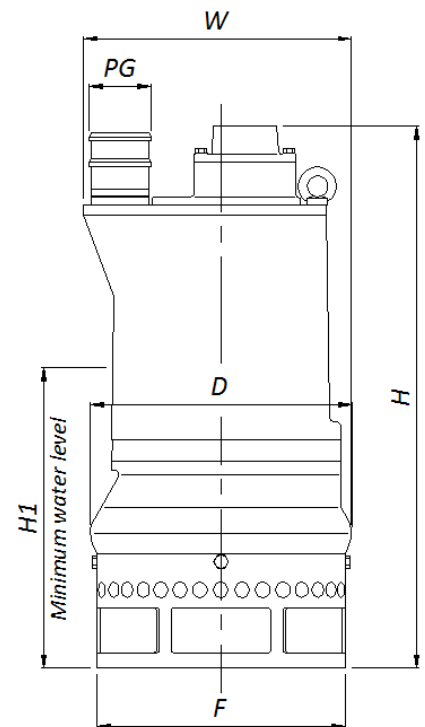
DIMENSIONS [mm - (in)]

H	W	D	F	H1	PG
920	435	435	415	550	100
(36.8)	(17.4)	(17.4)	(16.6)	(22)	(4)

PERFORMANCE CURVES



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Electric pump

EL10

PUMP SPECIFICATIONS

Capacity [m ³ /h]	60
Head [m]	15.5
Impeller diameter [mm]/type	300/4 blades opened
Hose adaptor diameter [mm]	100
Cross section diameter [mm]	25
Weight (without cable) [kg]	260

ELECTRIC MOTOR

Power [kW-HP]	7.5-10
Voltage [V]/Current [A]	230-400/25.5-14.6
Phases/Poles/Frequency [Hz]	3/4/50
Speed [RPM]	1450
Insulation class	H
Power cable 20m (IEC 60245- 4)	H07RN-F 4G10

MATERIALS

Casing	Spheroidal cast iron EN-GJS-500-7 (EN 1563)
Motor housing	Spheroidal cast iron EN-GJS-500-7 (EN 1563)
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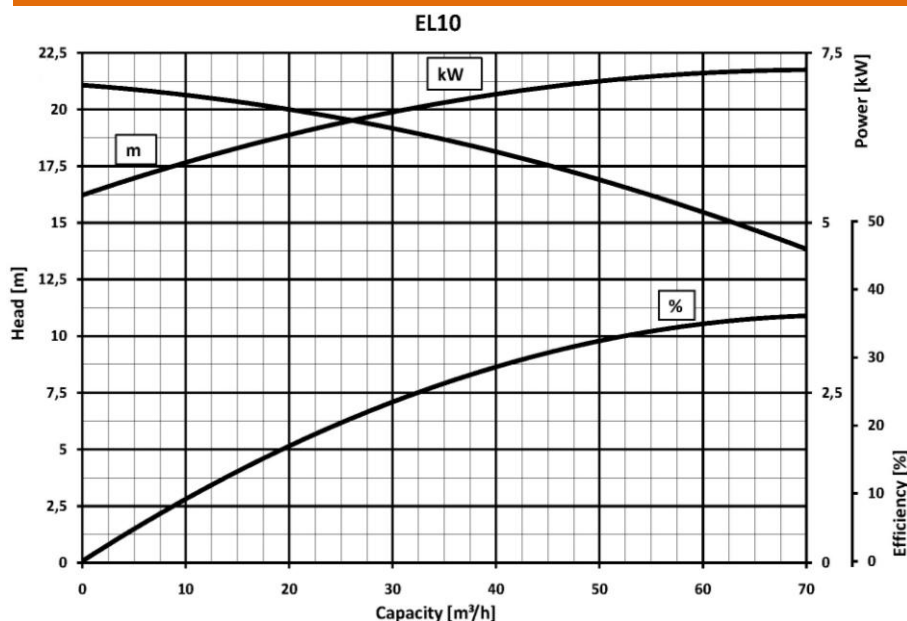
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Oil type	ISO 32

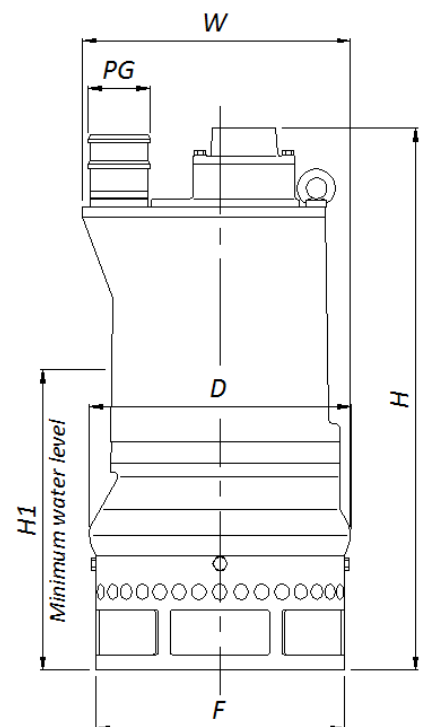
DIMENSIONS [mm]

H	W	D	F	H1	PG
920	435	435	415	550	100

PERFORMANCE CURVES



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Electric pump

EL10

PUMP SPECIFICATIONS

Capacity [m ³ /h - (USGPM)]	60 - (264)
Head [m - (ft)]	15.5 - (50)
Impeller diameter [mm - (in)]/type	250 - (10)/4 blades opened
Hose adaptor diameter [mm - (in)]	100 - (4)
Cross section diameter [mm - (in)]	25 - (1)
Weight (without cable) [kg - (lbs)]	260 - (572)

ELECTRIC MOTOR

Power [kW-HP]	7.5-10
Voltage [V]/Current [A]	280-460/21.4-13
Phases/Poles/Frequency [Hz]	3/4/60
Speed [RPM]	1750
Insulation class	H
Power cable 20m (IEC 60245- 4)	H07RN-F 4G10

MATERIALS

Casing	Spheroidal cast iron EN-GJS-500-7 (EN 1563)
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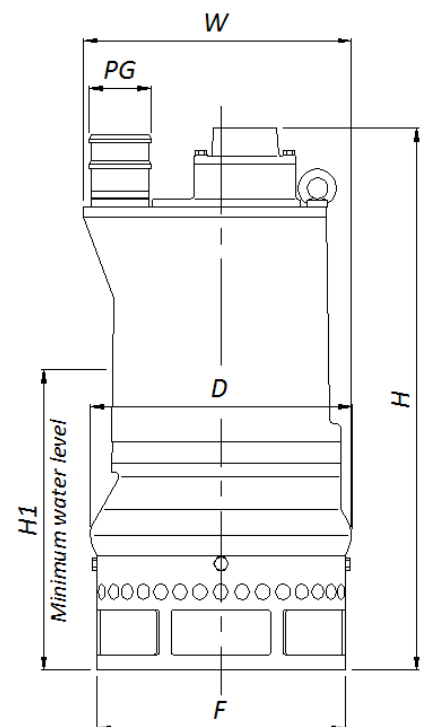
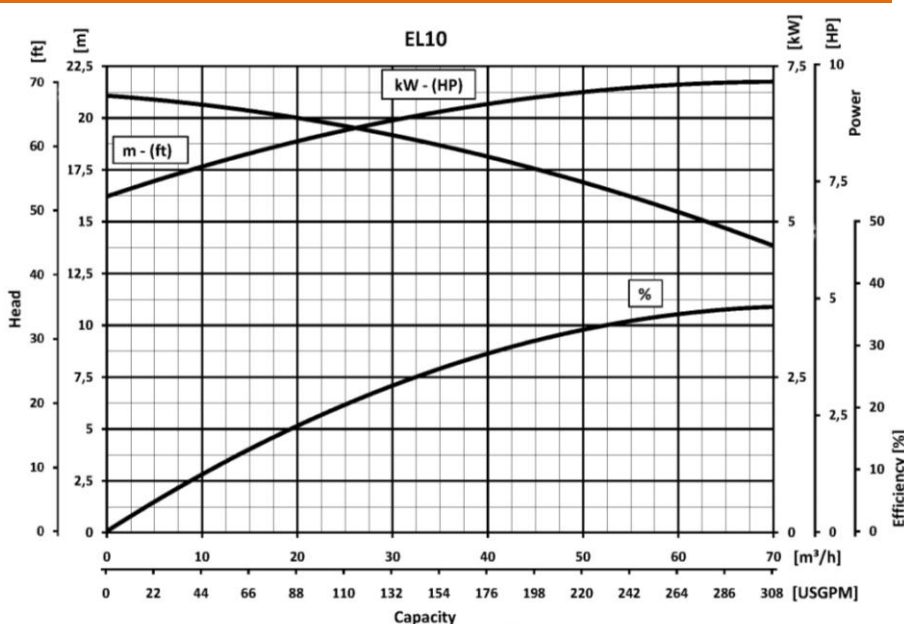
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Oil type	ISO 32

DIMENSIONS [mm - (in)]

H	W	D	F	H1	PG
920	435	435	415	550	100
(36.8)	(17.4)	(17.4)	(16.6)	(22)	(4)

PERFORMANCE CURVES



Electric pump

EL10S

PUMP SPECIFICATIONS

Capacity [m ³ /h]	60
Head [m]	15.5
Impeller diameter [mm]/type	300/4 blades opened
Hose adaptor diameter [mm]	100
Cross section diameter [mm]	25
Weight (without cable) [kg]	270

ELECTRIC MOTOR

Power [kW-HP]	9-12.5
Voltage [V]/Current [A]	230-400/31.6-18
Phases/Poles/Frequency [Hz]	3/4/50
Speed [RPM]	1450
Insulation class	H
Power cable 20m (IEC 60245- 4)	H07RN-F 4G10

MATERIALS

Casing	Spheroidal cast iron EN-GJS-500-7 (EN 1563)
Motor housing	Spheroidal cast iron EN-GJS-500-7 (EN 1563)
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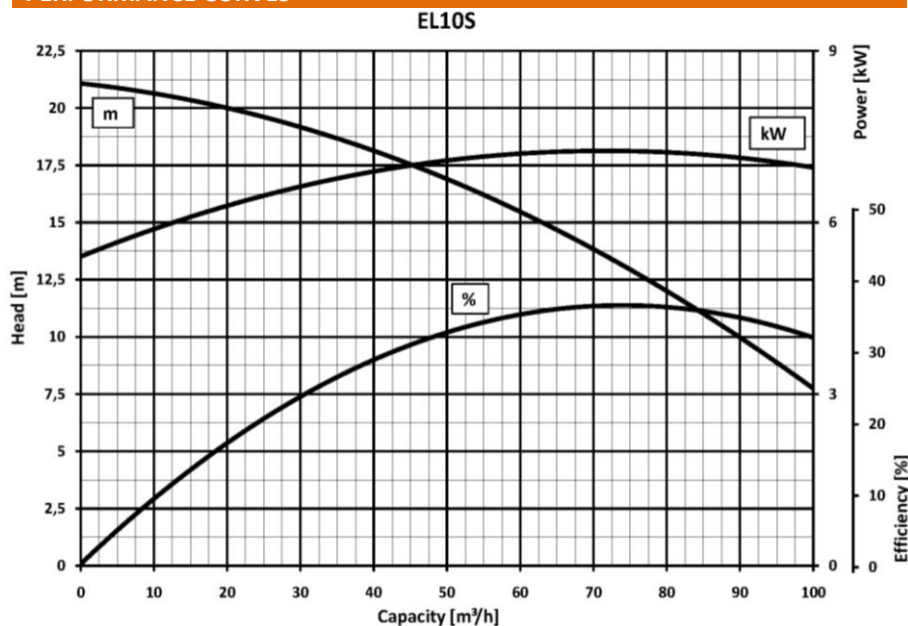
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Oil type	ISO 32

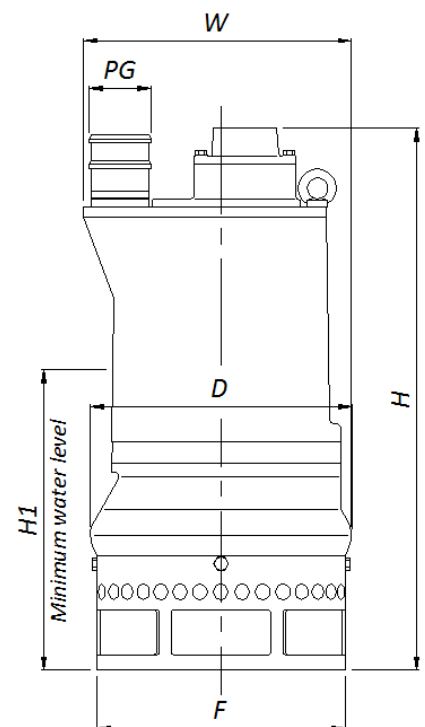
DIMENSIONS [mm]

H	W	D	F	H1	PG
920	435	435	415	550	100

PERFORMANCE CURVES



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Electric pump

EL12.5

PUMP SPECIFICATIONS

Capacity [m ³ /h]	60
Head [m]	19.5
Impeller diameter [mm]/type	308/4 blades opened
Hose adaptor diameter [mm]	100
Cross section diameter [mm]	25
Weight (without cable) [kg]	270

ELECTRIC MOTOR

Power [kW-HP]	9-12.5
Voltage [V]/Current [A]	230-400/31.6-18
Phases/Poles/Frequency [Hz]	3/4/50
Speed [RPM]	1450
Insulation class	H
Power cable 20m (IEC 60245- 4)	H07RN-F 4G10

MATERIALS

Casing	Spheroidal cast iron EN-GJS-500-7 (EN 1563)
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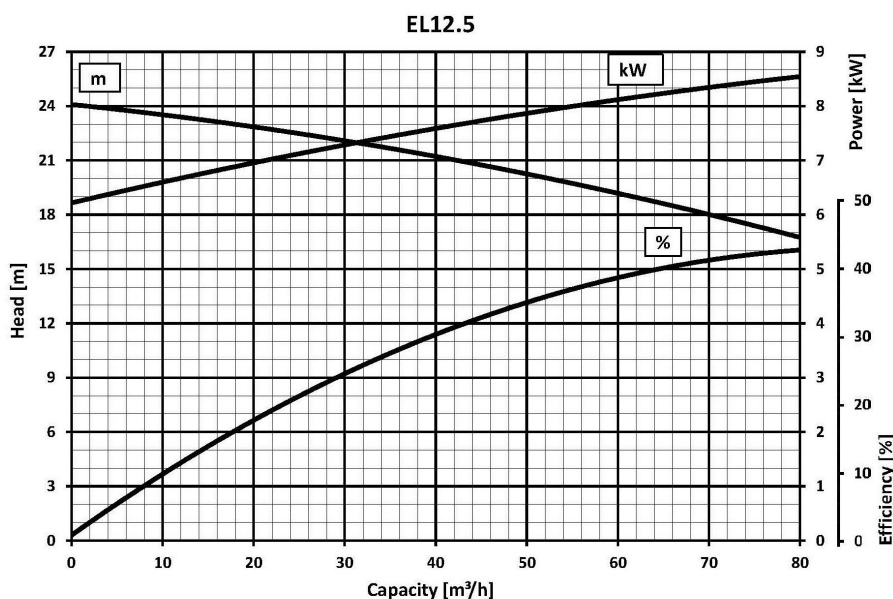
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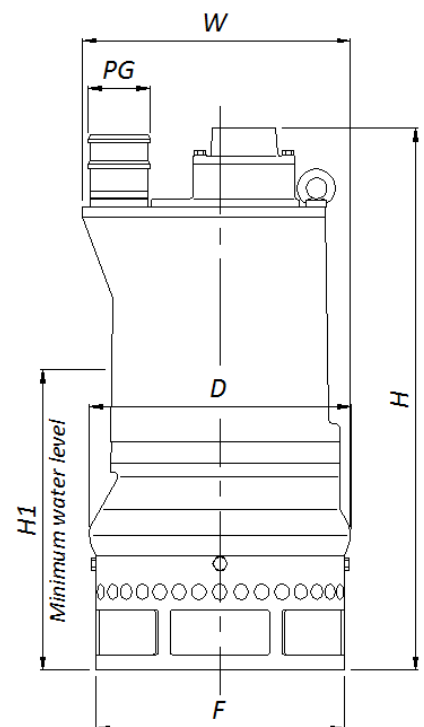
DIMENSIONS [mm]

H	W	D	F	H1	PG
920	435	435	415	550	100

PERFORMANCE CURVES



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Electric pump

EL12.5

PUMP SPECIFICATIONS

Capacity [m ³ /h - (USGPM)]	60 - (264)
Head [m - (ft)]	19.5 - (63)
Impeller diameter [mm - (in)]/type	260 - (10.4)/4 blades opened
Hose adaptor diameter [mm - (in)]	100 - (4)
Cross section diameter [mm - (in)]	25 - (1)
Weight (without cable) [kg - (lbs)]	270 - (594)

ELECTRIC MOTOR

Power [kW-HP]	9-12.2
Voltage [V]/Current [A]	280-460/26.6-16
Phases/Poles/Frequency [Hz]	3/4/60
Speed [RPM]	1750
Insulation class	H
Power cable 20m (IEC 60245- 4)	H07RN-F 4G10

MATERIALS

Casing	Spheroidal cast iron EN-GJS-500-7 (EN 1563)
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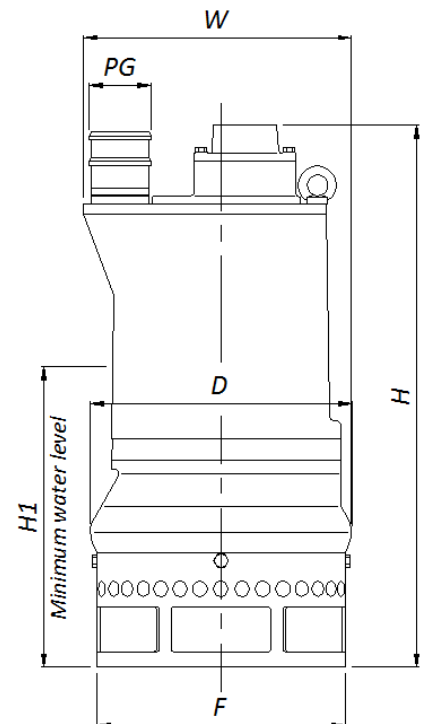
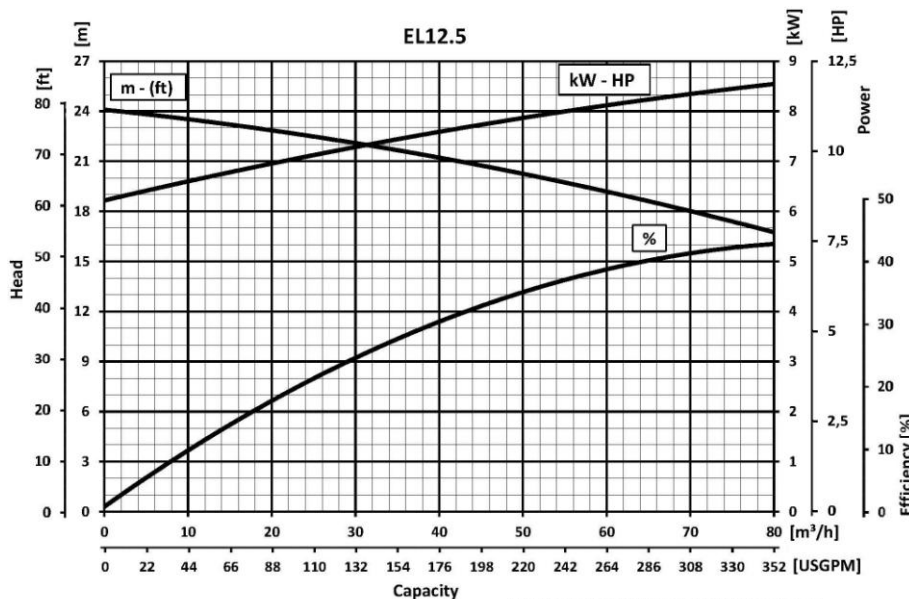
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Oil type	ISO 32

DIMENSIONS [mm - (in)]

H	W	D	F	H1	PG
920	435	435	415	550	100
(36.8)	(17.4)	(17.4)	(16.6)	(22)	(4)

PERFORMANCE CURVES



Electric pump

EL12.5S

PUMP SPECIFICATIONS

Capacity [m ³ /h]	60
Head [m]	19.5
Impeller diameter [mm]/type	308/4 blades opened
Hose adaptor diameter [mm]	100
Cross section diameter [mm]	25
Weight (without cable) [kg]	270

ELECTRIC MOTOR

Power [kW-HP]	11-15
Voltage [V]/Current [A]	230-400/36.5-22
Phases/Poles/Frequency [Hz]	3/4/50
Speed [RPM]	1450
Insulation class	H
Power cable 20m (IEC 60245- 4)	H07RN-F 4G10

MATERIALS

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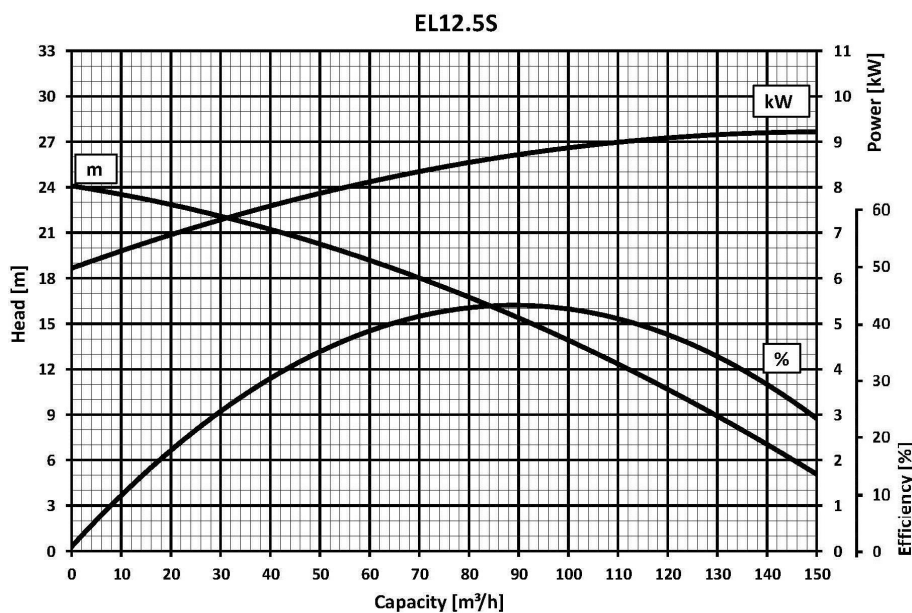
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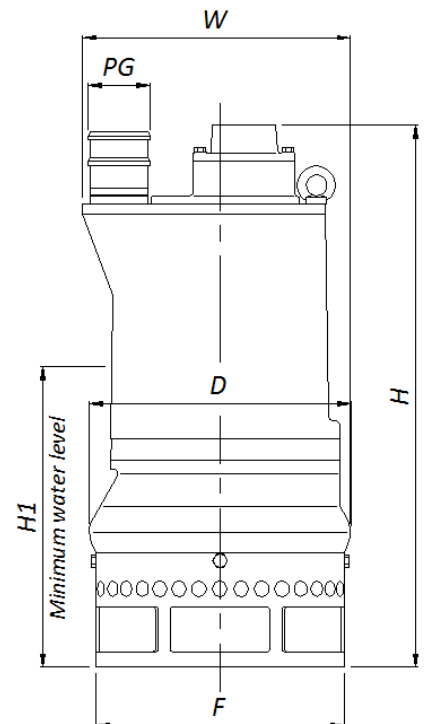
DIMENSIONS [mm]

H	W	D	F	H1	PG
920	435	435	415	550	100

PERFORMANCE CURVES



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Electric pump

EL12.5S

PUMP SPECIFICATIONS

Capacity [m ³ /h - USGPM]	60 - (264)
Head [m - (ft)]	19.5 - (63)
Impeller diameter [mm - (in)]/type	260 - (10.4)/4 blades opened
Hose adaptor diameter [mm - (in)]	100 - (4)
Cross section diameter [mm - (in)]	25 - (1)
Weight (without cable) [kg - (lbs)]	270 - (594)

ELECTRIC MOTOR

Power [kW-HP]	11-15
Voltage [V]/Current [A]	280-460/36.5-22
Phases/Poles/Frequency [Hz]	3/4/60
Speed [RPM]	1750
Insulation class	H
Power cable 20m (IEC 60245- 4)	H07RN-F 4G10

MATERIALS

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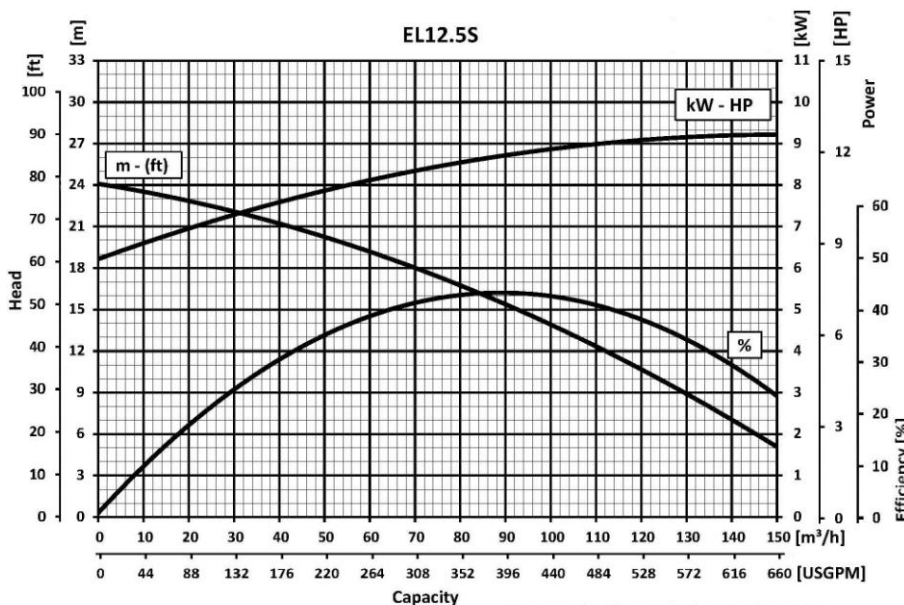
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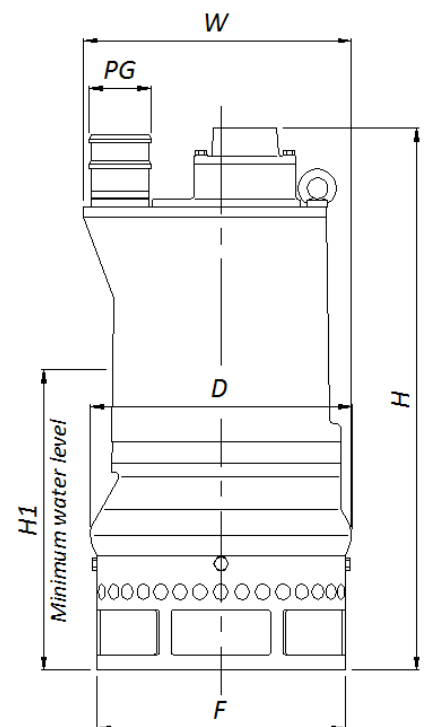
DIMENSIONS [mm - (in)]

H	W	D	F	H1	PG
920	435	435	415	550	100
(36.8)	(17.4)	(17.4)	(16.6)	(22)	(4)

PERFORMANCE CURVES



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Electric pump **EL12.5 SS**

Technical specifications:

Capacity:	60 m ³ /h
Head:	18 m
Voltage/Current:	230-400 V / 46-28 A
Weight:	290 Kg
Cross Section:	ø 25 mm
Impeller:	4 vanes open / ø 308 mm
Bore:	ø 100 mm

Electric motor:

Phases/poles/frequency:	3 / 4 / 50 Hz
Motor Output:	13 kW (18 HP)
Speed:	1450 giri/min.
Motor Insulation:	Class F

Materials:

Main Body: spheroidal cast iron GS500.
Motor Housing : cast iron G25.

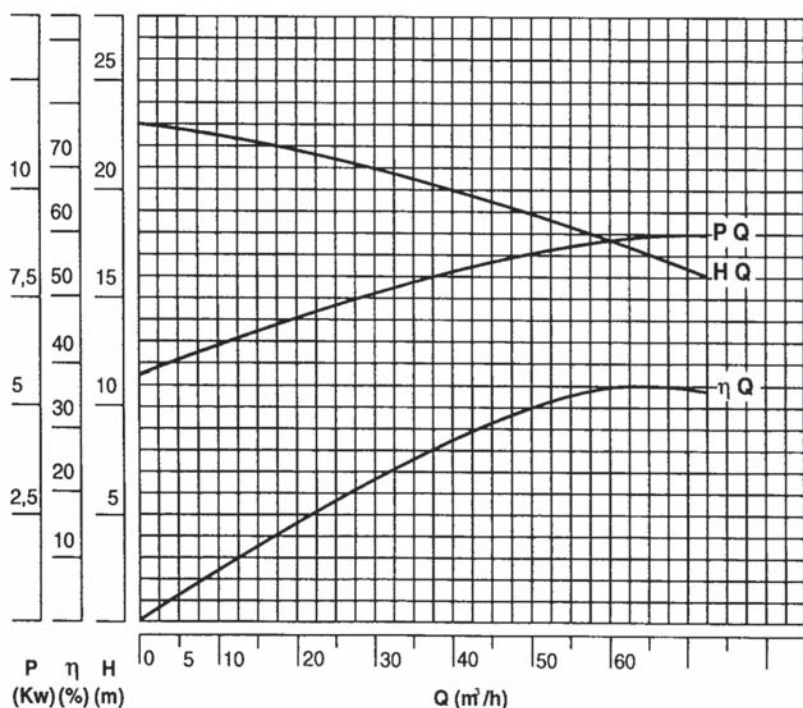
- 1) Impeller - high chrom.
- 2) Wear Plate (adjustable) - high chrom.
- 3) Agitator - high chrom.

Main Shaft : austempering NiCrMo4 Steel.

Seals:

Motor Zone : double mechanical seal silicon carbide - silicon carbide in oil bath.
Impeller Zone : (alternate) no.2 compact polyurethane seals plus no.2 double rubber lip seals with stainless steel spring.

Performance Curve



Dimensions

A (mm)	437
d (mm)	25
D (mm)	100
D1 (mm)	435
H (mm)	917
H1 (mm)	200

