

# Electric pump

## EL5

### PUMP SPECIFICATIONS

Capacity [m <sup>3</sup> /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
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)
Wear parts	High chrome EN-GJN-HV600 (XCr18) (EN 12513)
Main shaft	High tensile steel 39NiCrMo3 (AISI 9840)

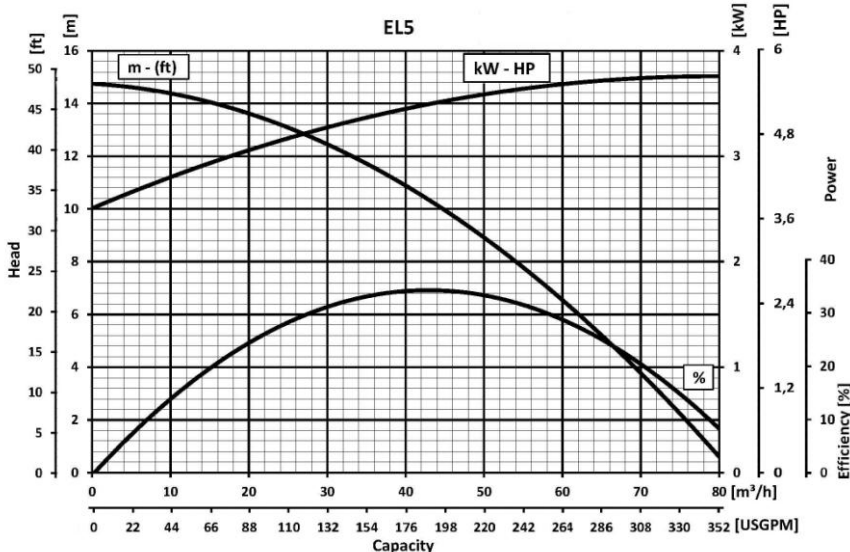
### SEALS / LUBRICANT

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

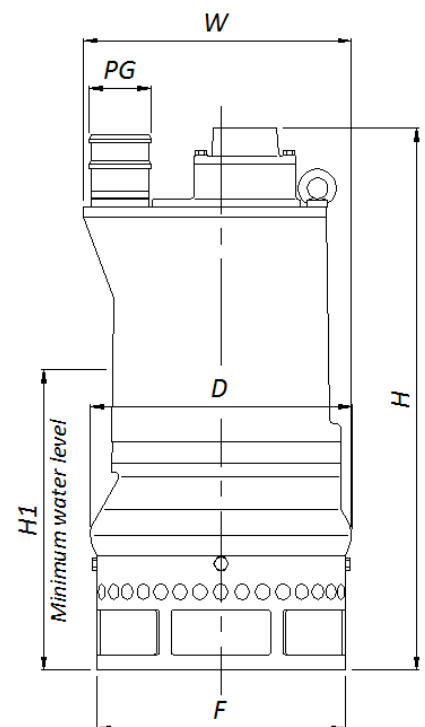
### DIMENSIONS [mm- (in)]

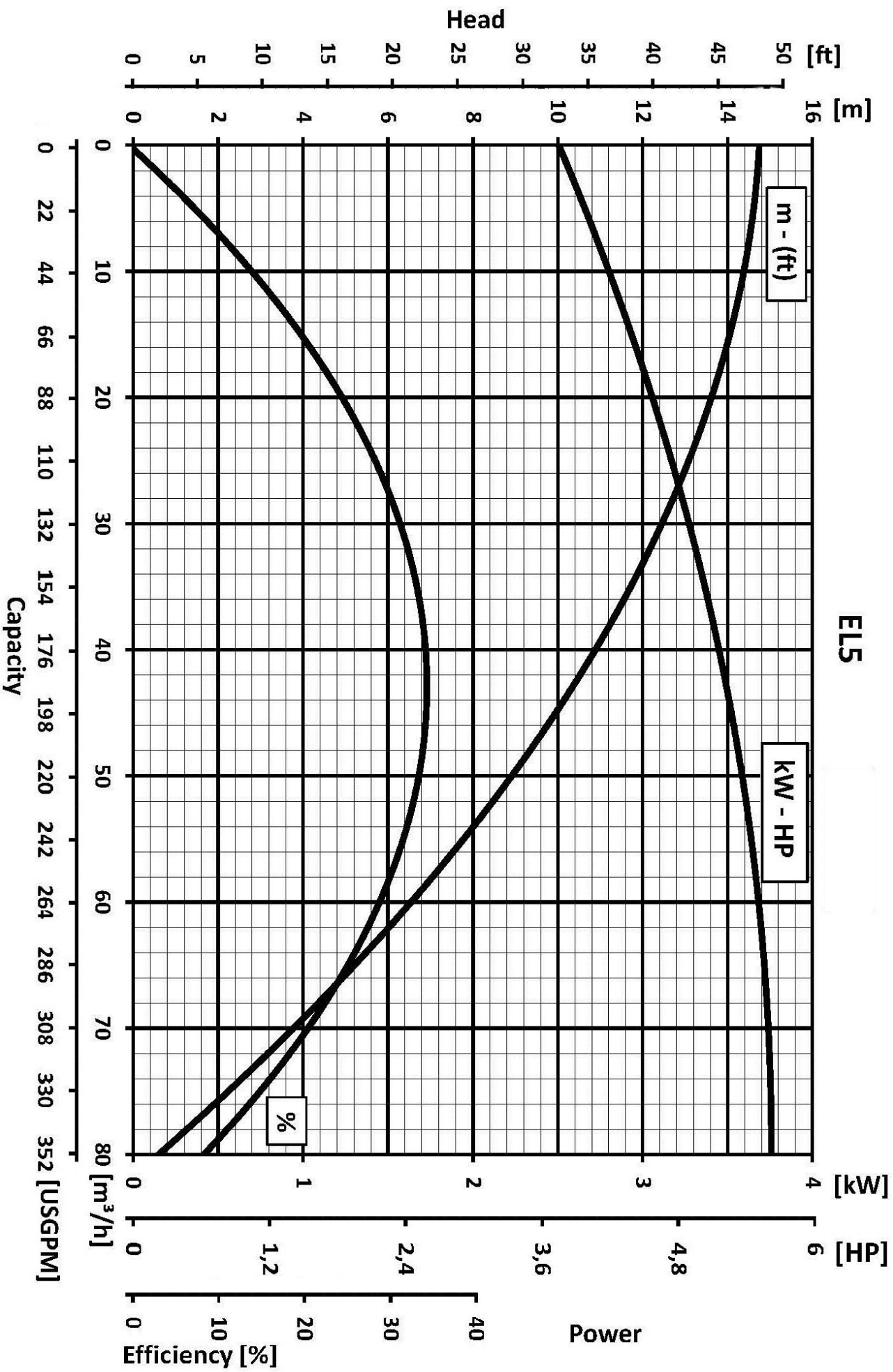
H	W	D	F	H1	PG
780	385	360	337	500	80
(31.2)	(15.4)	(14.4)	(13.5)	(20)	(3.2)

### PERFORMANCE CURVES



We reserve the right to make changes without notice





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