

# Electric pump

## EL5

### PUMP SPECIFICATIONS

Capacity [m <sup>3</sup> /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)

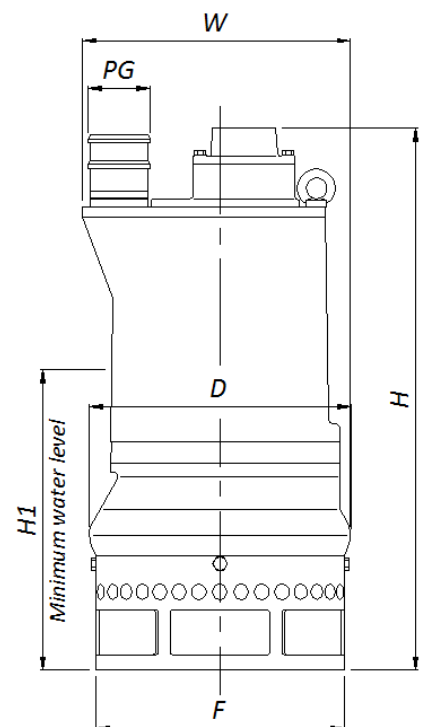
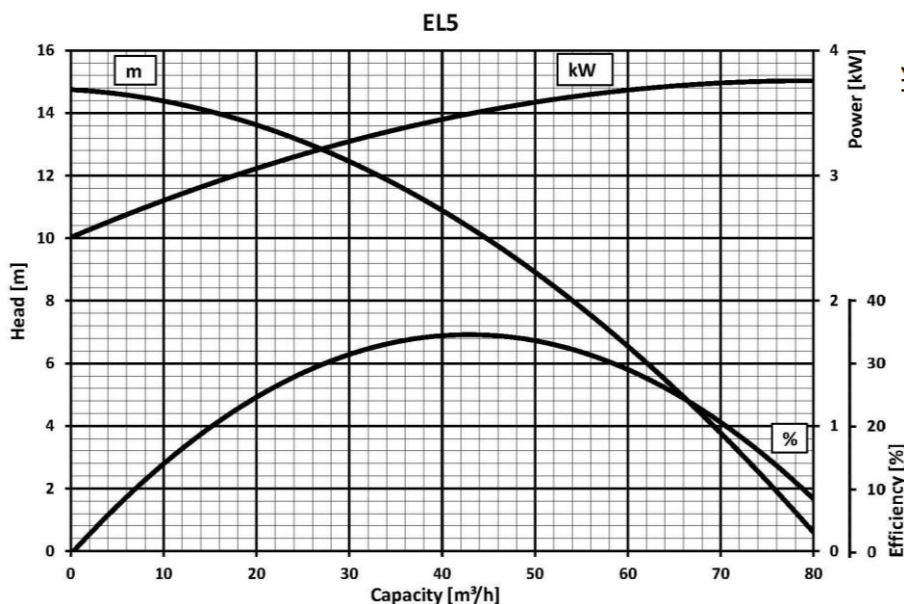
### SEALS / LUBRICANT

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

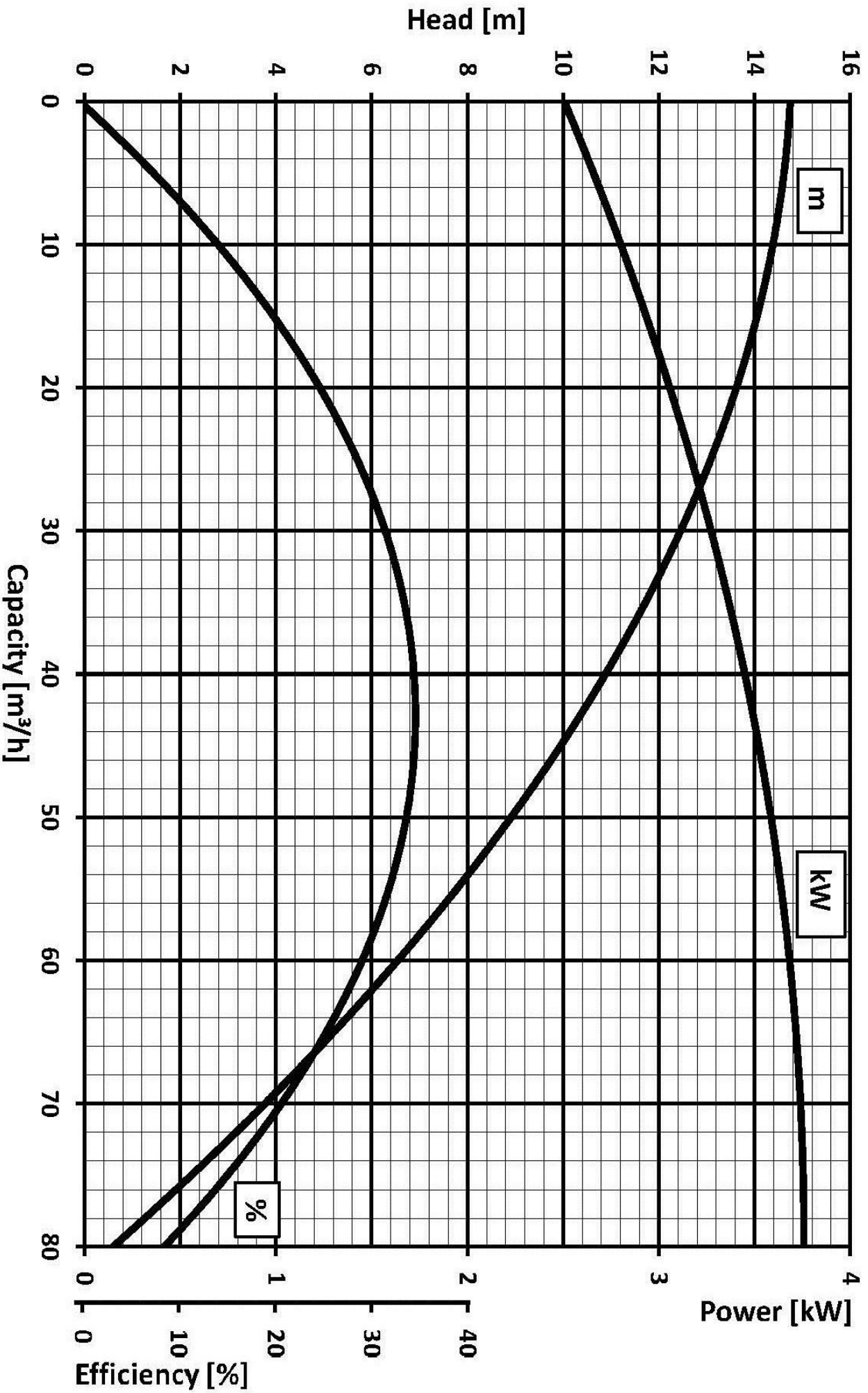
### DIMENSIONS [mm]

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

### PERFORMANCE CURVES



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We reserve the right to make changes without notice