

DRAGFLOW-EL12.5 SUBMERSIBLE SLURRY PUMP

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)
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)

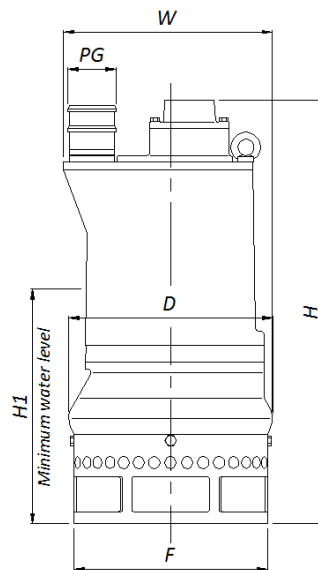
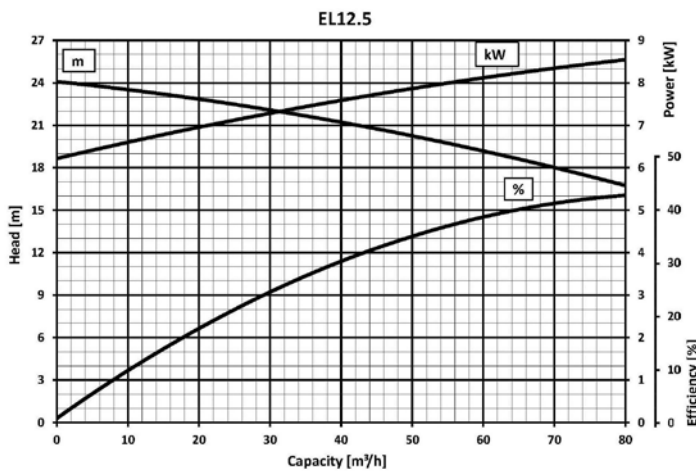
SEALS / LUBRICANT

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
920	435	435	415	550	100

PERFORMANCE CURVES



EL12.5 50Hz ENG v01

DRAGFLOW
ULTIMATE EFFICIENCY



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NPE-MAR-PR-0340



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