

Hydraulic pump

HY24



PUMP SPECIFICATIONS

Capacity [m ³ /h - (USGPM)]	80 - (352)
Head [m - (ft)]	37 - (120)
Impeller diameter [mm - (in)]/type	308 - (12.3)/4 blades opened
Hose adaptor diameter [mm - (in)]	100 - (4)
Cross section diameter [mm - (in)]	25 - (1)
Weight [kg - (lbs)]	220 - (484)

HYDRAULIC MOTOR

Motor displacement [cc - (cu in)]	20 - (1.2)
Max. oil flow rate [l/min - (USGPM)]	41 - (186)
Max. pressure [bar - (psi)]	350 - (4350)
Power [kW-HP]	24-32.5
Speed [RPM]	2000

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)

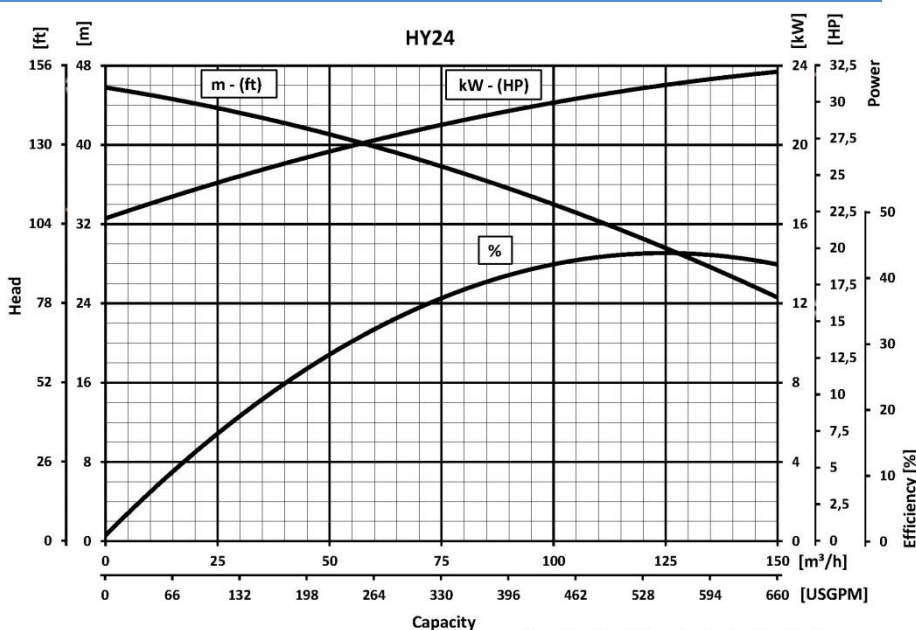
SEALS / LUBRICANT

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

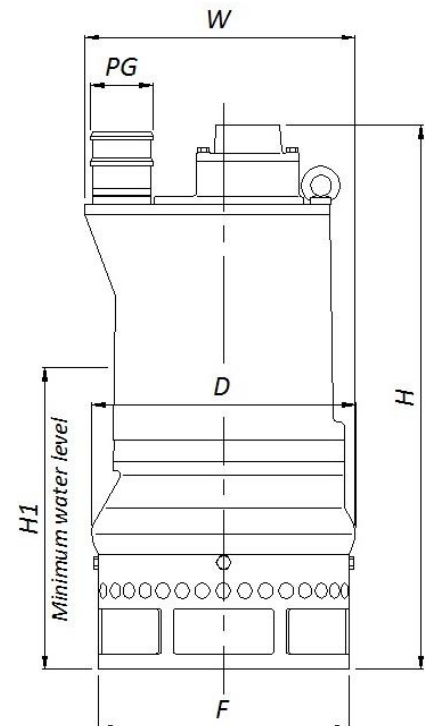
DIMENSIONS [mm - (in)]

H	W	D	F	PG	H1
910	437	435	413	100	575
(36.4)	(17.5)	(17.4)	(16,5)	(4)	(23)

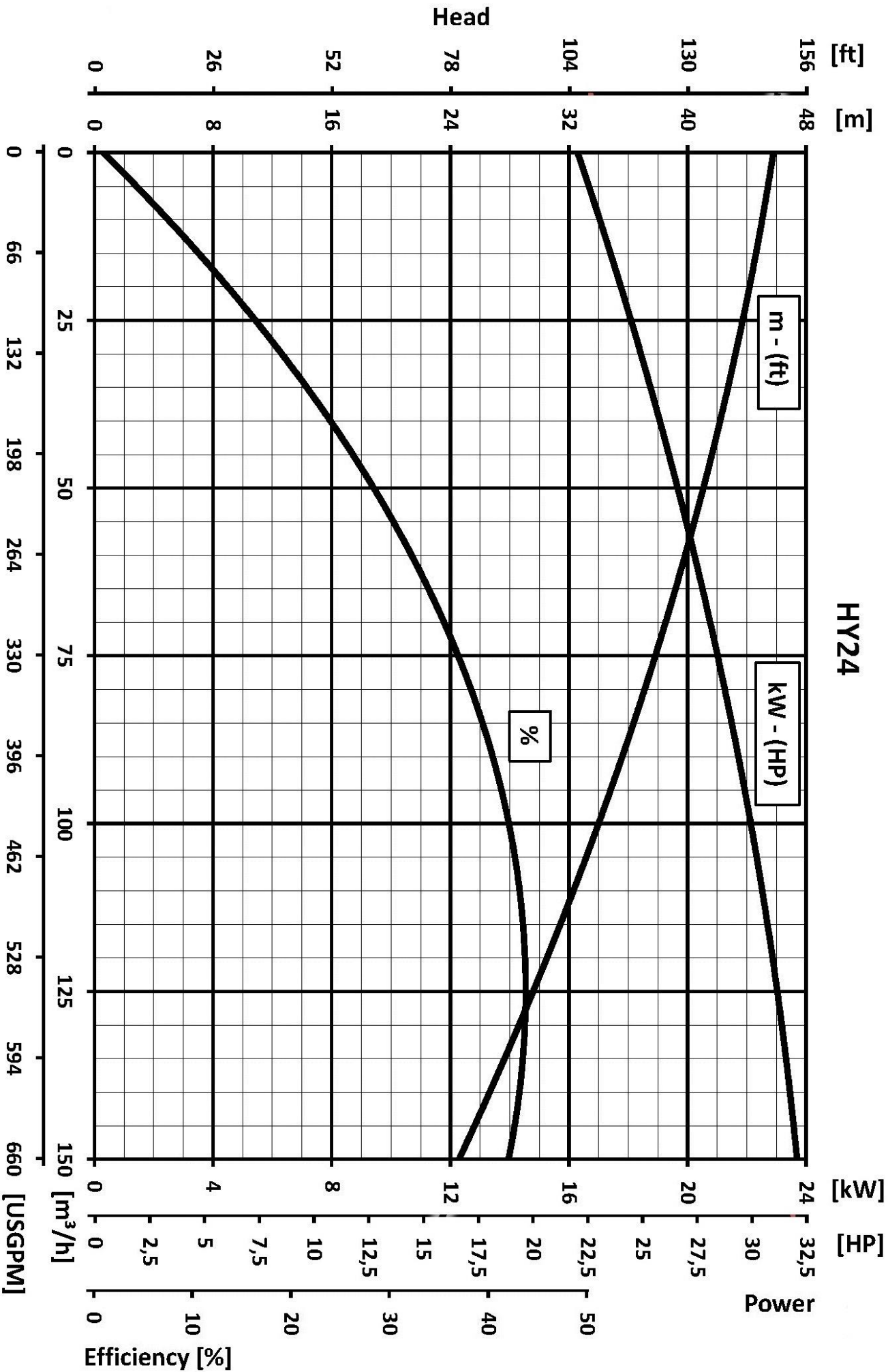
PERFORMANCE CURVES



We reserve the right to make changes without notice



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