

# Hydraulic pump

## HY18



### PUMP SPECIFICATIONS

Max Capacity [m <sup>3</sup> /h - USGPM]	80 - 350
Max Head [m - ft]	28 - 92
Impeller diameter [mm - in]/type	245 - 10 /4 blades opened
Flanged bore size [DN/PN - in]	80 - 2
Solid handling [mm - in]	20 - 1
Weight [kg - lb]	170 - 7

### HYDRAULIC MOTOR

Motor displacement [cc - cu in]	20 - 1,2
Max. oil flow rate[l/min - USGPM]	40 - 11
Max. pressure [bar - PSI]	200 - 2901
Power [kW-HP]	13 - 20
Speed [RPM]	2000

### MATERIALS

Casing	Spheroidal cast iron EN-GJS500-7 (EN1563)
Motor housing	Spheroidal cast iron EN-GJS500-7 (EN1563)
Wear parts	High chrome EN-GJN-HV600 (XCr18) (EN12513)
Main shaft	High tensile steel 39NiCroMo3 (AISI 9840)

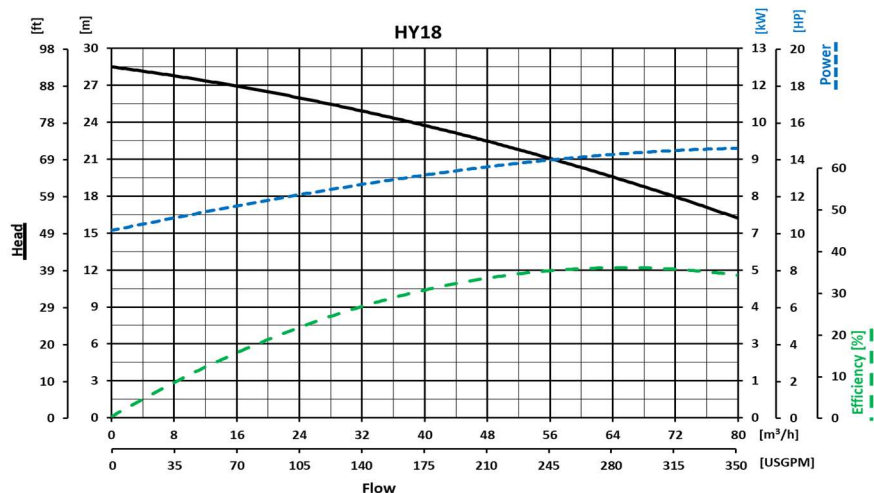
### SEALS / LUBRICANT

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

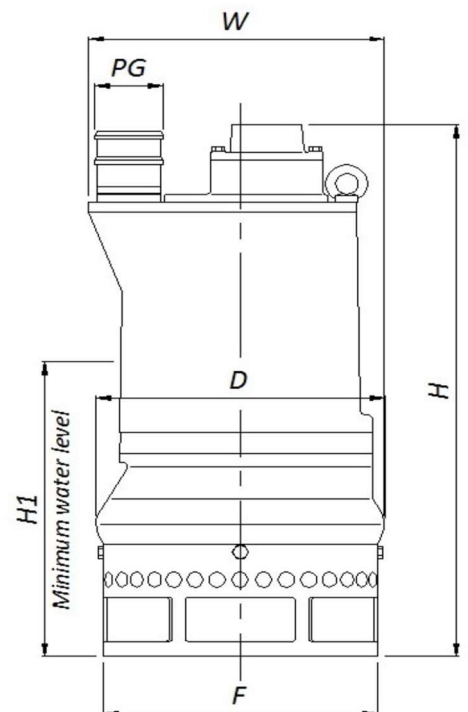
### DIMENSIONS [in]

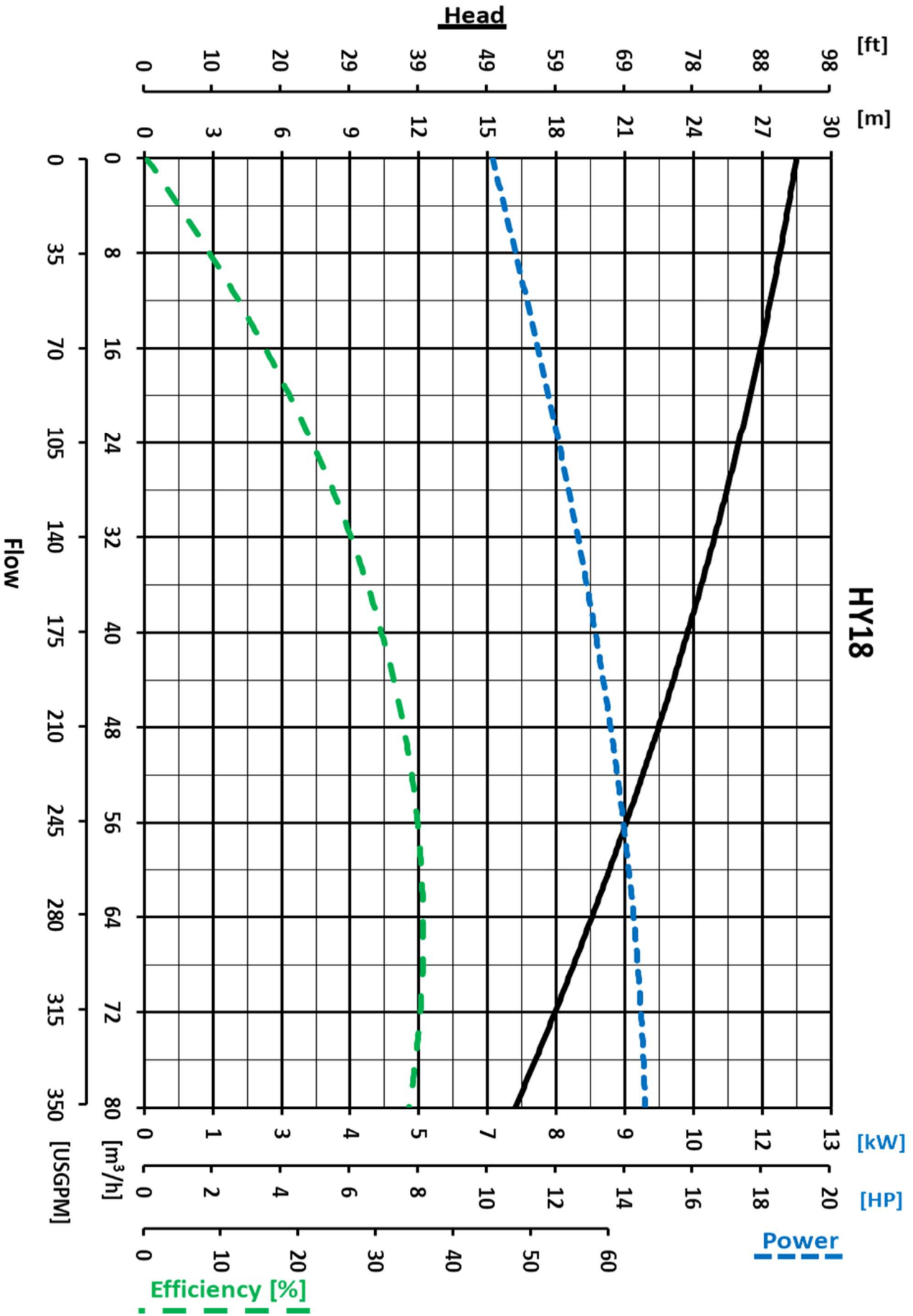
H	W	D	F	PG	H1
32	16	14	13	3	20

### PERFORMANCE CURVES



We reserve the right to make changes without notice





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