

FAMILY: MXH



Construction

Horizontal multi-stage close coupled pumps in chrome-nickel stainless steel.

Compact and robust construction, without protruding flange and with single-piece lantern bracket and base.

Single-piece barrel casing, with front suction port above pumps axis and radial delivery at top.

Filling and draining plugs on the middle of the pump, accessible from any side (like the terminal box).

MXHL: Horizontal multi-stage close coupled pumps in chromenickel-molybdenum stainless steel AISI 316L.

Version with frequency converter (on request)

Application

For water supply systems.

For clean liquids, without abrasives, which are non-aggressive for stainless steel (with suitable seal materials, on request).

Universal pump, for domestic use, for civil and industrial applications, for garden use and irrigation.

Operating conditions

Liquid temperature: from -15°C to +110°C.

Ambient temperature up to 40° C.

Maximum permissible pressure in the pump casing: 10 bar, 8 bar for MXH 16.

Continuous duty (S3 60% for single-phase pump to 1,5-1,8 kW).

Pump data

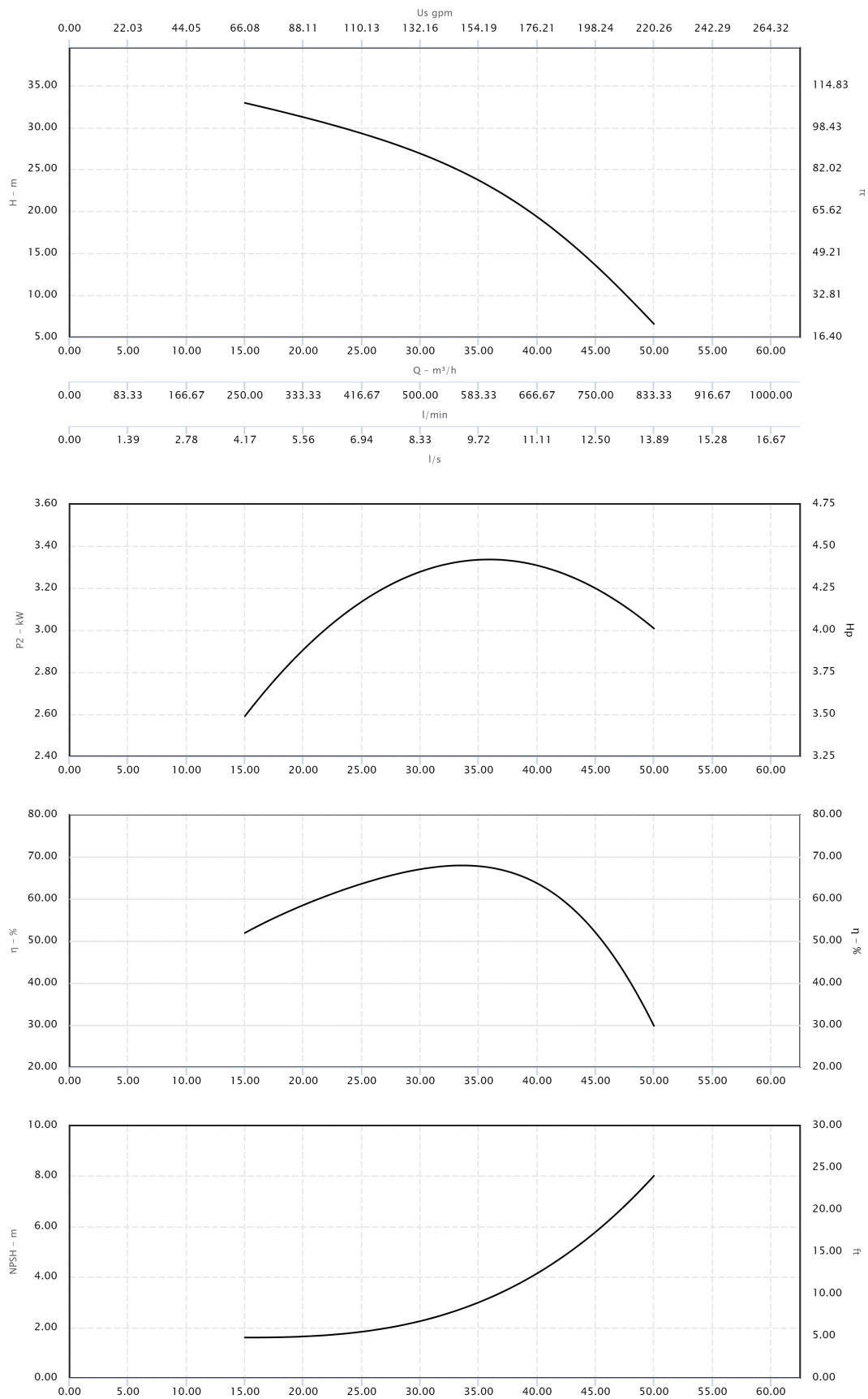
H max (m): 33.00
H min (m): 7.50
Q min (mc/h): 15.00
Q max (mc/h): 50.00
Impeller diameter (mm): 126.00
N. of impellers: 2
Weight (kg): 37,80

Motor data

n (rpm): 2900
Pn (kW): 4.00
Pn (HP): 5.50
Motor type: IM
Motor phases: 3~
Un (V): 400/690
fn (Hz): 50
Motor poles: 2
In (A): 9.6 / 5.5
Insulation class: F
Service: S1
Efficiency Index (EI): IE3-88.1
Ingress protection: IP 54

Construction materials

Pump Casing: Cr-Ni steel 1.4301 EN 10088 (AISI 304)
Casing Cover: Cr-Ni steel 1.4301 EN 10088 (AISI 304)
Stage Casing:: Cr-Ni steel 1.4301 EN 10088 (AISI 304)
Impeller: Cr-Ni steel 1.4301 EN 10088 (AISI 304)
Impeller wear ring: PTFE
Intermediate spacer sleeve: Cr-Ni steel 1.4301 EN 10088 (AISI 304)
Shaft: Cr-Ni-Mo steel 1.4401 EN 10088 (AISI 316)
Mechanical Seal: Ceramic Alumina-Carbon-EPDM



Dimensions (mm)

a: 123.00 mm
b1: 54.00 mm
fM: 517.00 mm
g2: 6.00 mm
h1: 150.00 mm
m4: 205.00 mm
m5: 175.00 mm
n4: 180.00 mm
n5: 140.00 mm
HD: 290.00 mm
w: 114.00 mm
w1: 15.00 mm
dn1: G 2 1/2"
dn2: G 2"
l5: 250
s1: 10

