

Code: 52B06211000**Description:**MXV 32-506**Pump data:**

H max (m): 62.00
H min (m): 22.50
Q min (mc/h): 2.50
Q max (mc/h): 8.00
Impeller diameter (mm): 98.50
N. of impellers: 6
Min liquid temperature (°C): -15.00 °C
Weight (kg): 37,30

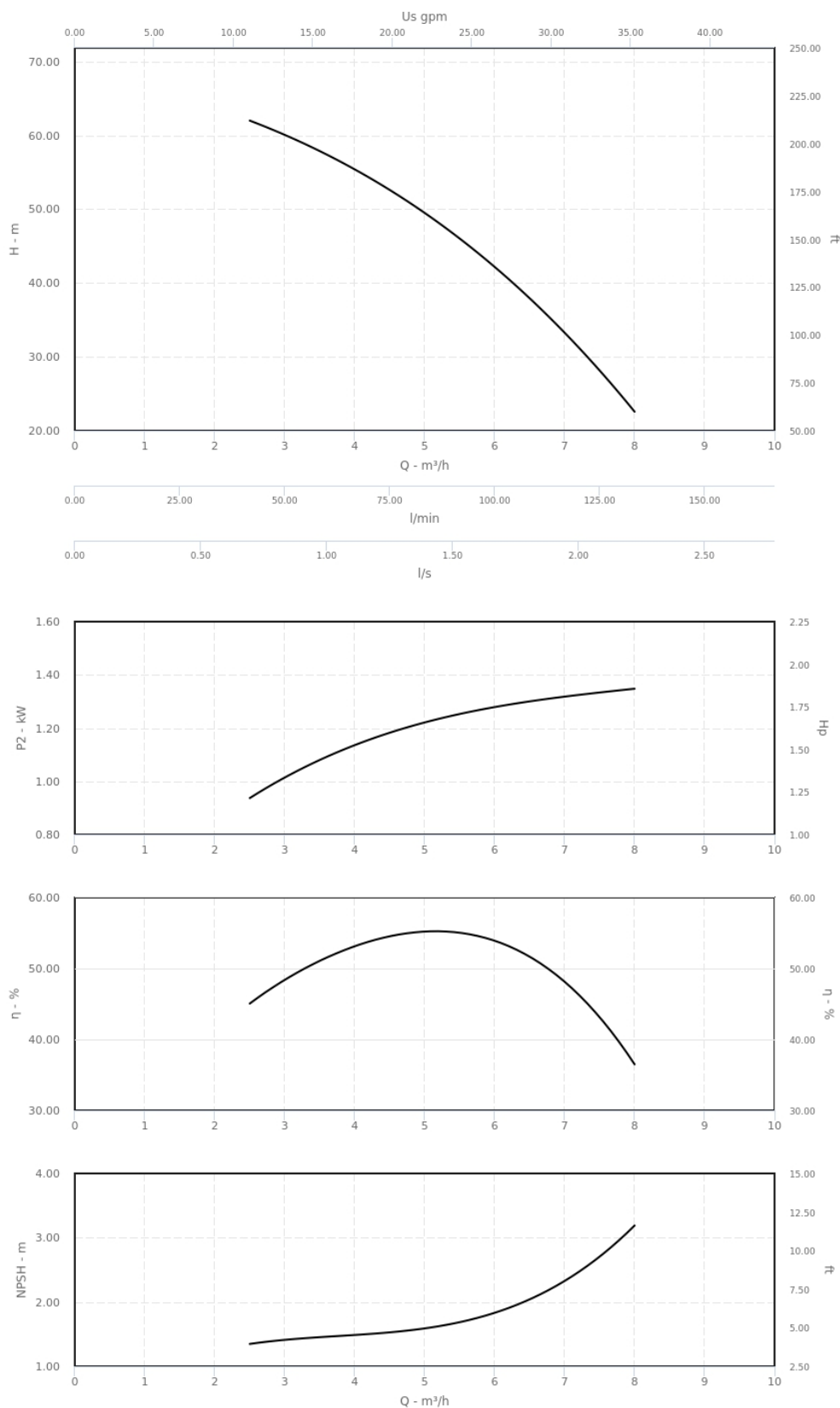
Motor data:

n (rpm): 2900
Pn (kW): 1.50
Pn (HP): 2.00
Motor type: IM
Motor phases: 3~
Un (V): 230/400
fn (Hz): 50
Motor poles: 2
Service: S1

Construction materials:

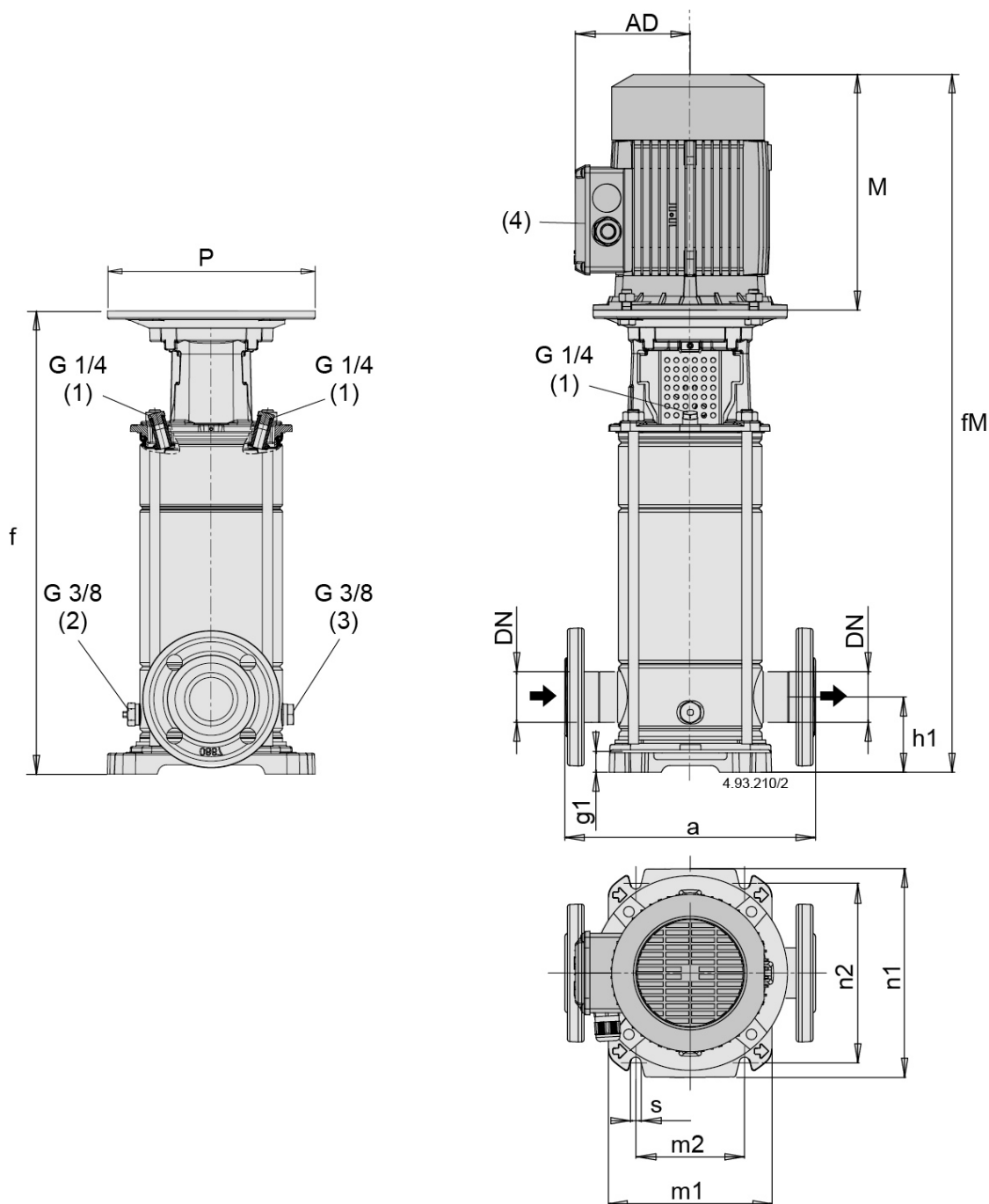
External jacket: Cr-Ni steel 1.4301 EN 10088 (AISI 304)
Pump Casing: Cr-Ni steel 1.4301 EN 10088 (AISI 304)
Suction Casing: Cr-Ni steel 1.4301 EN 10088 (AISI 304)
Suction Flange: Cr-Ni steel 1.4301 EN 10088 (AISI 304)
Delivery Casing:: Cr-Ni steel 1.4301 EN 10088 (AISI 304)
Stage Casing:: Cr-Ni steel 1.4301 EN 10088 (AISI 304)
Impeller:: Cr-Ni steel 1.4301 EN 10088 (AISI 304)
Impeller wear ring: PPS
Lower cover: Cr-Ni steel 1.4301 EN 10088 (AISI 304)
Upper cover: Cr-Ni steel 1.4301 EN 10088 (AISI 304)
Intermediate spacer sleeve: Cr-Ni steel 1.4301 EN 10088 (AISI 304)
Shaft: Cr-Ni steel 1.4305 EN 10088 (AISI 303)
Mechanical Seal: Hard Metal-Carbon-EPDM
O-ring: NBR
Bearing sleeve: Corrosion-resistant-Cemented carbide
Pump casing bearing: Ceramic alumina

curve calculate secondo ISO-TR 17766:2005



Dimensions (mm)

a: 250.00 mm
f: 430.50 mm
fM: 685.50 mm
g1: 35.50 mm
h1: 75.00 mm
j1: 15.00 mm
j2: 40.00 mm
m1: 165.00 mm
m2: 100.00 mm
m4: 331.00 mm
n1: 205.00 mm
n2: 180.00 mm
n4: 170.00 mm
n5: 129.00 mm
AD: 127.50 mm
H: 200.00 mm
M: 255.00 mm
dn1: 32
dn2: 32
s: 13
s1: 15
P: 200



MXV**Vertical multi-stage in-line pumps stainless steel****CONSTRUCTION**

Vertical multi-stage pumps with suction and delivery connections of the same diameter and arranged along the same axis (in-line).

Corrosion-resistant bearing sleeves lubricated by the pumped liquid.

Removal of the mechanical seal without dismantling the motor (for MXV 25-32-40-50,100 with motors exceeding 4 KW).

A pump with thrust bearing and sleeve coupling for use of any standard motor with IM V1 construction.

Version with frequency converter (on request)

APPLICATION

For water supply systems.

For clean non-explosive liquids, without solid, filamentary or abrasive matter and non-aggressive for stainless steel (with adaptation of sealing materials on request).

A universal pump for civil and industrial use, for pressureboosting systems, high-pressure washing plants, irrigation, agricultural uses and sport installations.

OPERATING CONDITIONS

Temperature of liquid: from -15 °C to +110 °C.

Ambient temperature up to 40° C.

Maximum permissible pressure in pump casing: 25 bar, (16 bar for pumps with oval flanges).

Continuous duty.