

Code: 7012004100000

Description: TM 70/A

Pump data:

H max (m): 59.00
H min (m): 10.00
Q min (mc/h): 0.48
Q max (mc/h): 3.60
Impeller diameter (mm): 71.00
N. of impellers: 1
PF: 0.99
Min liquid temperature (°C): -10.00 °C
Weight (kg): 10,86

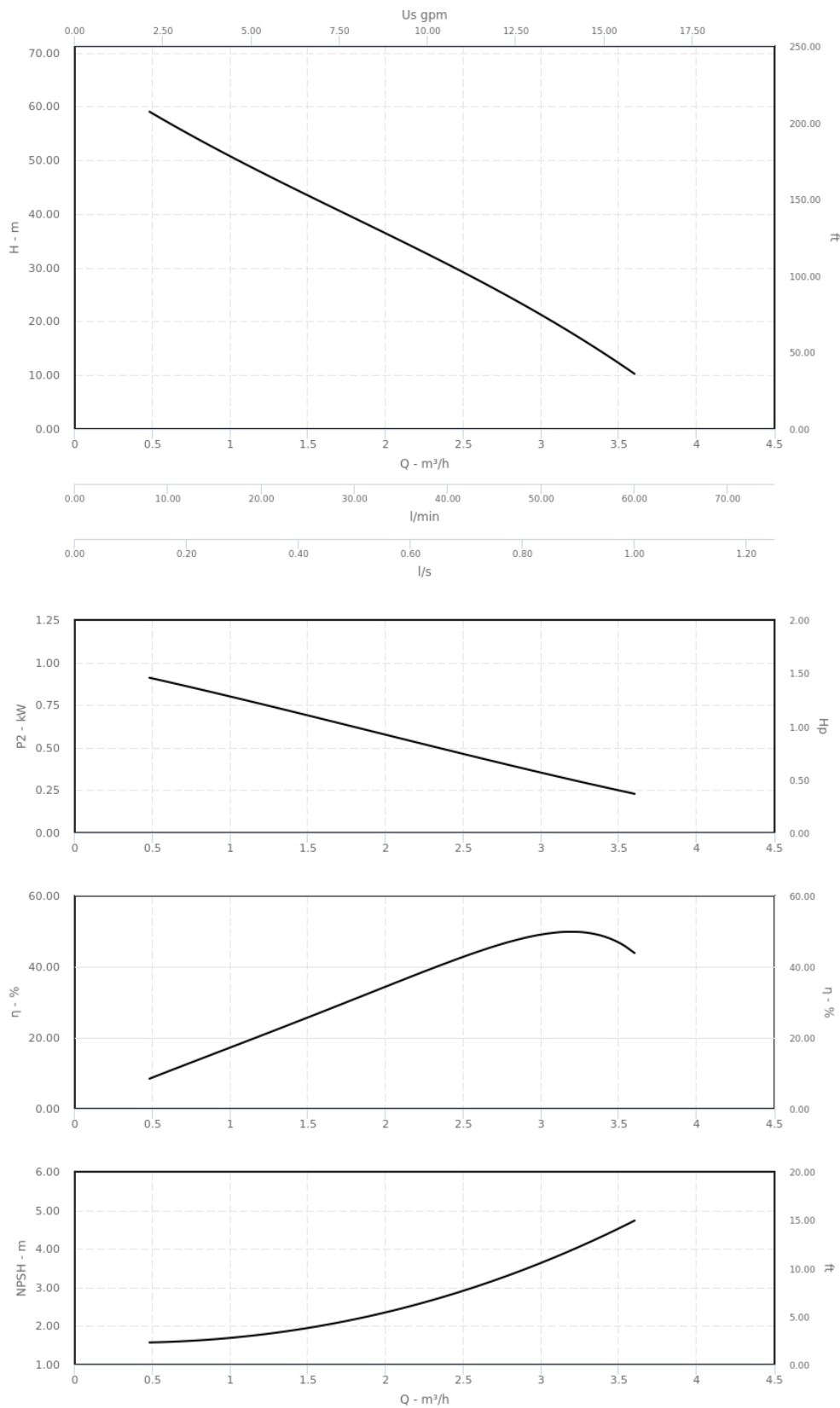
Construction materials:

Pump Casing: Cast iron GJL 200 EN 1561
Casing Cover: Cast iron GJL 200 EN 1561
Lantern bracket: Cast iron GJL 200 EN 1561
Impeller:: Brass P-Cu Zn 40 Pb 2 UNI 5705
Shaft: Chrome steel 1.4105 EN 10088 (AISI 430F)
Mechanical Seal: Carbon-Ceramic-NBR

Motor data:

n (rpm): 2900
Pn (kW): 0.75
Pn (HP): 1.00
Motor type: IM
Motor phases: 1~
Un (V): 230
fn (Hz): 50
Motor poles: 2
In (A): 5.7
Insulation class: F
Service: S1
Efficiency Index (EI): IE2-77.4
Ingress protection: IP 54

curve calculate secondo ISO-TR 17766:2005



T, TP**Peripheral pumps****CONSTRUCTION**

Peripheral close coupled electropumps

T, TP: version with pump casing and lantern bracket in cast iron.

BT, BTP: versione con corpo pompa e raccordo in bronzo.

The pumps are supplied fully painted.

APPLICATION

For clean liquids without abrasives, without suspended solids, non-explosive, non-aggressive for the pump materials.

- For increasing network pressure (follow local specifications).

- For the reduced dimensions, these pumps are very well suitable to be mounted in cooling and air-conditioning machines and equipments, circulation, boiler feed.

OPERATING CONDITIONS

Liquid temperature from -10 °C to +90 °C.

Ambient temperature up to 40° C.

Total suction lift up to 7 m.

Maximum permissible pressure in the pump casing: 12,5 bar, (serie TP 16 bar).

Continuous duty.