

**Code:** 7063006100000

**Description:** C 22/1/A

**Pump data:**

**H max (m):** 18.00

**H min (m):** 7.50

**Q min (mc/h):** 1.50

**Q max (mc/h):** 6.60

**Impeller diameter (mm):** 116.00

**N. of impellers:** 1

**PF:** 0.75

**Min liquid temperature (°C):** -10.00 °C

**Weight (kg):** 0,00

**Construction materials:**

**Pump Casing:** 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):** 0.45

**Pn (HP):** 0.60

**Motor type:** IM

**Motor phases:** 3~

**Un (V):** 230/400

**fn (Hz):** 50

**Motor poles:** 2

**In (A):** 2.4 / 1.4

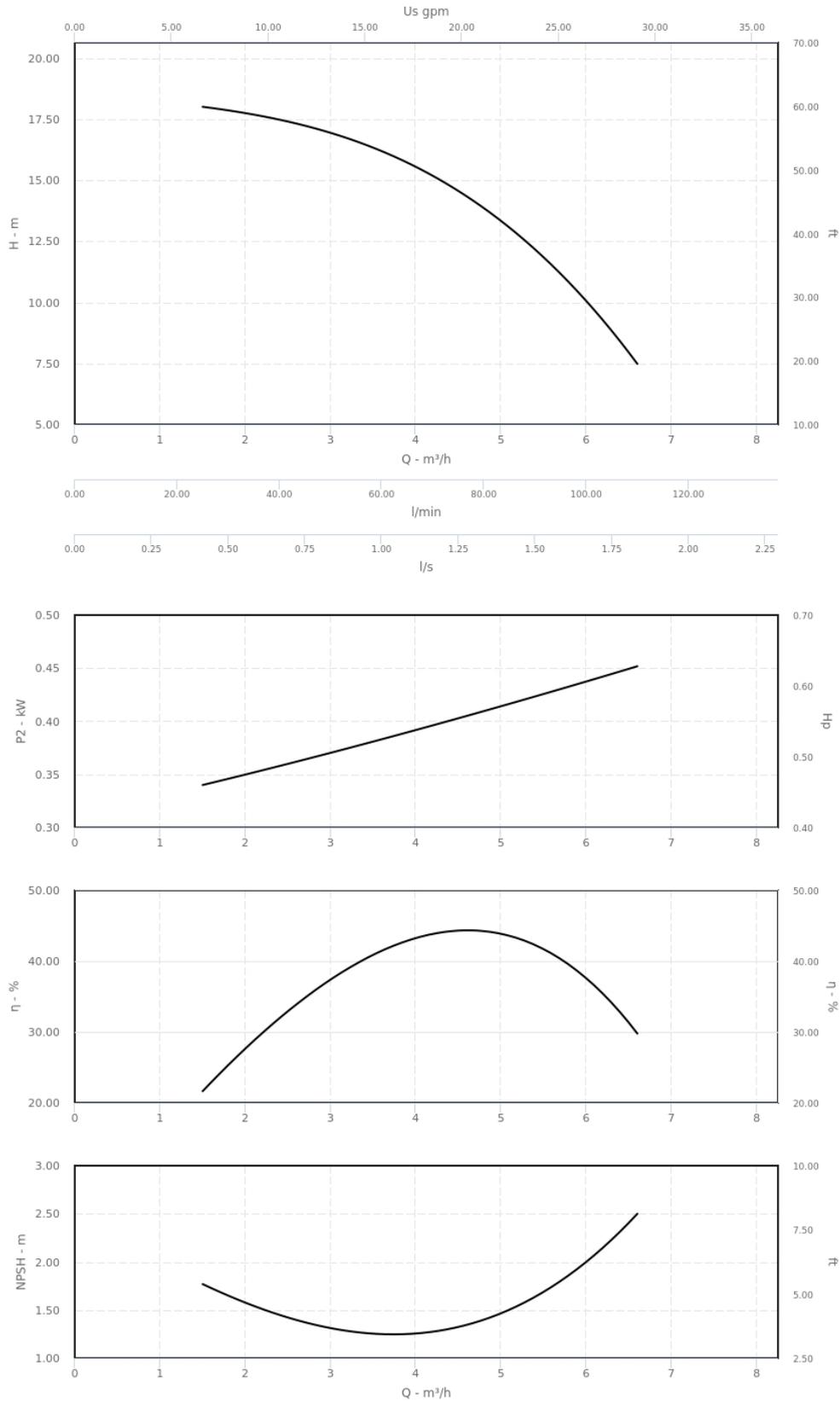
**Insulation class:** F

**Service:** S1

**Efficiency Index (EI):** IE2-71.7

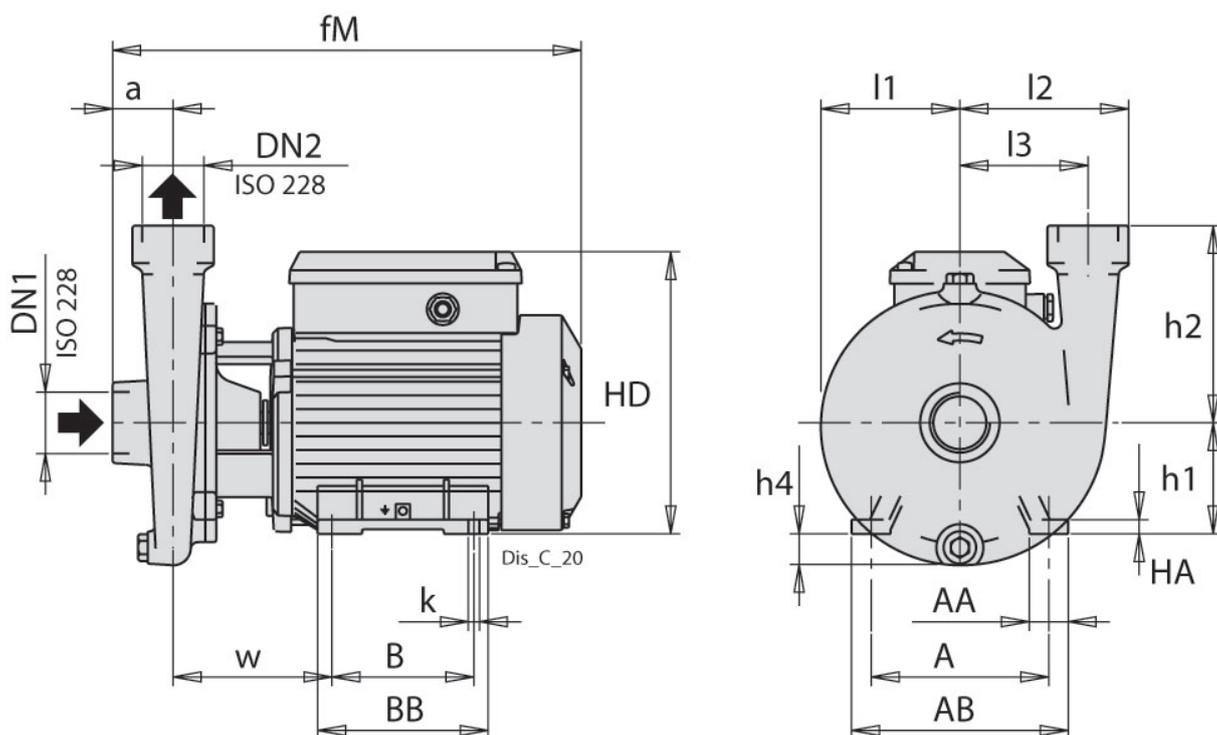
**Ingress protection:** IP 54

curve calcolate secondo ISO-TR 17766:2005



## Dimensions (mm)

<b>a:</b>	34.00 mm
<b>fM:</b>	263.00 mm
<b>h1:</b>	63.00 mm
<b>h2:</b>	110.00 mm
<b>h4:</b>	17.00 mm
<b>I1:</b>	77.00 mm
<b>I2:</b>	94.00 mm
<b>I3:</b>	71.00 mm
<b>A:</b>	100.00 mm
<b>AA:</b>	22.00 mm
<b>AB:</b>	122.00 mm
<b>B:</b>	80.00 mm
<b>BB:</b>	96.00 mm
<b>HA:</b>	8.00 mm
<b>HD:</b>	160.00 mm
<b>w:</b>	88.00 mm
<b>dn1:</b>	G 1
<b>dn2:</b>	G 1



c

## Self-priming centrifugal pumps with open impeller



### **CONSTRUCTION**

Close-coupled centrifugal pumps with open impeller.  
Free-flow impeller (vortex or recessed impeller) for type C 16/1E.  
C: version with pump casing and lantern bracket in cast iron.  
BC: version with pump casing and lantern bracket in bronze.  
The pumps are supplied fully painted.

### **APPLICATION**

For moderately dirty liquids or emulsions.  
For industry and agriculture.

### **OPERATING CONDITIONS**

Liquid temperature from -10 °C to +90 °C.  
Ambient temperature up to 40° C.  
?Total suction lift up to 8 m.  
Maximum permissible working pressure: 6 bar.  
Maximum size of solids: 4 mm.  
Continuous duty. (S3 60% for C 22E).