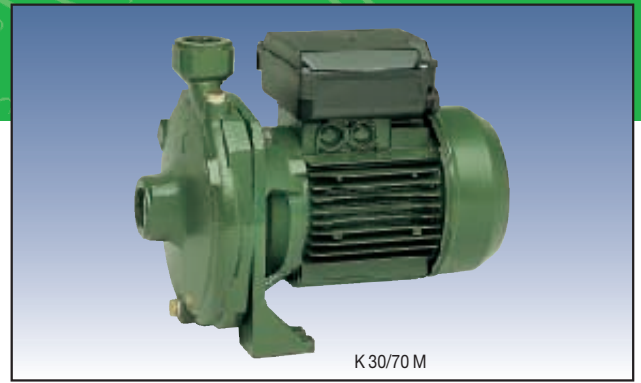


K SINGLE IMPELLER PUMPS



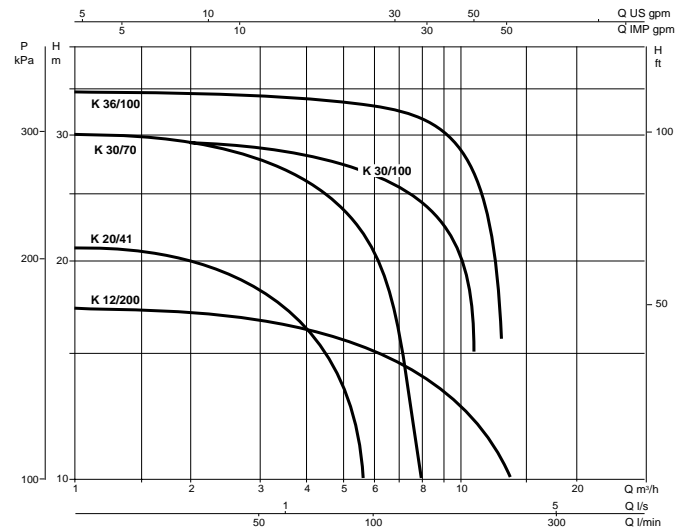
Single impeller centrifugal pump designed for domestic, civil, industrial and agricultural installations and for decanting, mixing and irrigating uses. Cast iron pump body and motor support. Technopolymer or cast iron impeller as indicated in the TECHNICAL DATA table. Stainless steel driving shaft. Carbon/ceramic mechanical seal. Asynchronous, closed motor, cooled by external ventilation. Built-in thermal and current overload protection and a capacitor permanently on in the single-phase version. For the protection of the three-phase motor it is advisable to use a suitable overload protection complying with the regulations in force.

Operating range: from 1.8 to 192 m³/h with head up to 83 metres.
Pumped liquid characteristics: clean, free from solids or abrasive substances, not viscous, not aggressive, not crystallised, chemically neutral and close to the characteristics of water.
Liquid temperature range: from -10°C to +50°C
Maximum ambient temperature: +40°C
Maximum operating pressure: 6 bar (600 kPa)
Protection level: IP 44
Terminal board protection level: IP 55
Insulation class: F

TECHNICAL DATA

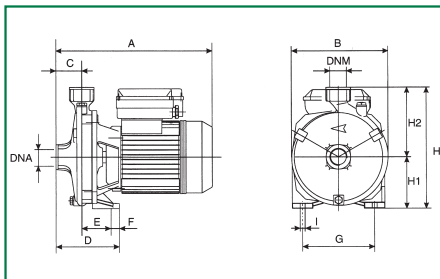
| MODEL | ELECTRICAL DATA | | | | | | |
|------------|------------------|-----------------|------------------------|-----|---------|--------------------|-----|
| | VOLTAGE 50 Hz | P1 MAX kW | P2 NOMINAL kW HP | | In A | CAPACITOR µF Vc | |
| K 20/41 M | 1x220-240 V ~ | 0,65 | 0,37 | 0,5 | 3 | 10 | 450 |
| K 20/41 T | 3x230-400 V ~ | 0,64 | 0,37 | 0,5 | 2,3-1,3 | - | - |
| K 30/70 M | 1x220-240 V ~ | 1,3 | 0,75 | 1 | 6 | 20 | 450 |
| K 30/70 T | 3x230-400 V ~ | 1,2 | 0,75 | 1 | 4,3-2,5 | - | - |
| K 30/100 M | 1x220-240 V ~ | 1,6 | 1,1 | 1,5 | 8 | 31,5 | 450 |
| K 30/100 T | 3x230-400 V ~ | 1,63 | 1,1 | 1,5 | 5,5-3 | - | - |
| K 36/100 M | 1x220-240 V ~ | 2,1 | 1,85 | 2,5 | 8,8 | 40 | 450 |
| K 36/100 T | 3x230-400 V ~ | 2 | 1,85 | 2,5 | 6,9-4 | - | - |
| K 12/200 M | 1x220-240 V ~ | 1,05 | 0,75 | 1 | 4,6 | 20 | 450 |
| K 12/200 T | 3x230-400 V ~ | 1,02 | 0,75 | 1 | 3,6-2,1 | - | - |

* Star (A) starting is possible

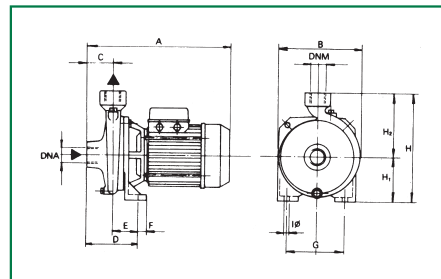


DIMENSIONS AND WEIGHTS

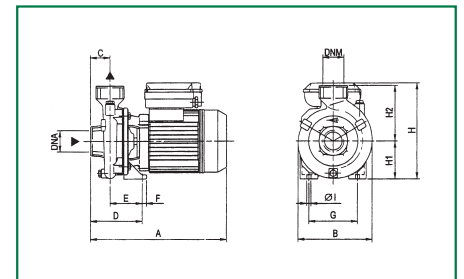
K 20/41 - 30/70



K 30-36/100



K 12/200



| MODEL | A | B | C | D | E | G | Ø I | H | H1 | DNA | DNM | WEIGHT Kg |
|----------|-----|-----|----|-----|----|-----|-----|-----|-----|----------|----------|--------------|
| K 20/41 | 275 | 160 | 50 | 100 | 50 | 110 | 9 | 205 | 85 | 1" G | 1" G | 10 |
| K 30/70 | 300 | 185 | 50 | 108 | 58 | 140 | 9 | 235 | 100 | 1" G | 1" G | 14,5 |
| K 30/100 | 333 | 200 | 50 | 114 | 64 | 140 | 9 | 255 | 105 | 1 1/2" G | 1" G | 18,5 |
| K 36/100 | 333 | 200 | 50 | 114 | 64 | 140 | 9 | 255 | 105 | 1 1/2" G | 1" G | 19,7 |
| K 12/200 | 312 | 169 | 45 | 114 | 69 | 110 | 9 | 218 | 85 | 1 1/2" G | 1 1/2" G | 13,8 |