



SC

SC

Tipo N° curva
Type N° curve
Type N° courbe
Tipo N° curva

150-200-300

M-T

M=Monofase T= Trifase
M=1 Phase T=3 Phase
M=Monophasé T=Triphasé
M=Monofásico T=Trifásico

APPLICAZIONI

Elettropompe monogiranti con bocca di aspirazione assiale e bocca di mandata radiale. Si prestano ottimamente ad usi industriali, civili, agricoli, negli impianti di riscaldamento e di approvvigionamento acqua.

APPLICATIONS

Single impeller pumps with axial intake and radial delivery. They are particularly suitable to use for industrial, civil and agricultural applications, as well as for heating and water supply systems.

APPLICATIONS

Électropompes monoroue ayant orifice d'aspiration axiale et orifice de refoulement radial. Ces pompes-ci sont très appropriées pour des utilisations industrielles, publiques, agricoles, installations de chauffage et approvisionnement d'eau.

APLICACIONES

Electrobombas monoimpulsor con boca de aspiración axial y boca de impulsión radial. Son ideales para usos industriales, civiles, agrícolas, en sistemas de calefacción y suministro de agua.

LIMITI D'IMPIEGO

- Liquido pompato: pulito, libero da corpi solidi o sostanze abrasive, non viscoso, chimicamente neutro, non infiammabile.
- Temperatura liquido: fino a 80 °C
- Temperatura ambiente: fino a 40 °C
- Altezza massima di aspirazione: 7 m
- Pressione massima di esercizio: 6 bar
- Servizio continuo

OPERATING CONDITIONS

- Pumped liquid: clean liquids, without solid or abrasive substances, non viscous, chemically neutral, not inflammable.
- Liquid temperature: up to 80 °C
- Ambient temperature: up to 40 °C
- Maximum suction depth: 7 m
- Maximum working pressure: 6 bar
- Continuous duty

LIMITES D'UTILISATION

- Liquide pompé: propre, exempt de corps solides ou de substances abrasives, non visqueux, chimiquement neutre, non inflammable.
- Température du liquide: jusqu'à 80 °C
- Température ambiante: jusqu'à 40 °C
- Hauteur d'aspiration maximale: 7 m
- Pression maximale de service: 6 bar
- Service continu

LÍMITES DE USO

- Líquido bombeado: limpio, libre de cuerpos sólidos o sustancias abrasivas, no viscoso, químicamente neutro, no inflamable.
- Temperatura del líquido: hasta 80 °C
- Temperatura ambiente: hasta 40 °C
- Altura máxima de aspiración: 7 m
- Presión máxima de trabajo: 6 bar
- Servicio continuo

MOTORE

- Motore elettrico di tipo chiuso a ventilazione esterna
- Grado di protezione: IP44
- Isolamento classe: F
- Tensione: monofase 230 V 50 Hz con termoprotettore trifase 230/400 V 50 Hz
- A richiesta: altre tensioni e/o frequenze

MOTOR

- Closed motor with external cooling
- Protection: IP44
- Insulation class: F
- Voltage: single-phase 230 V 50 Hz with thermal protector three-phase 230/400 V 50 Hz
- On request: different voltages and/or frequencies

MOTEUR

- Moteur électrique enfermé avec ventilation extérieure
- Protection: IP44
- Isolation classe: F
- Voltage: monophasé 230 V 50 Hz avec protection thermique triphasé 230/400 V 50 Hz
- Sur demande: autres tensions et/ou fréquences

MOTOR

- Motor eléctrico de tipo cerrado con ventilación externa
- Grado de protección: IP44
- Clase de aislamiento: F
- Voltaje: monofásico 230 V 50 Hz con protector térmico trifásico 230/400 V 50 Hz
- Bajo pedido: otras tensiones y/o frecuencias

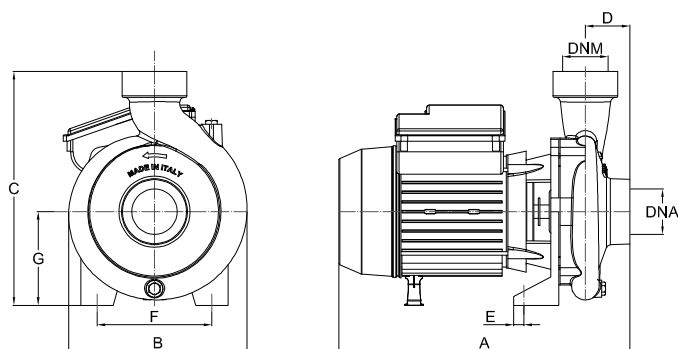
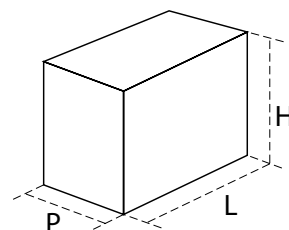
COMPONENTE / COMPONENT / COMPOSANT / COMPONENTE	MATERIALE / MATERIAL / MATÉRIEL / MATERIAL
Corpo pompa - Pump body - Corps pompe - Cuerpo pompa Supporto motore - Motor bracket - Support moteur - Soporte motor	Ghisa - Cast iron - Fonte - Fundición gris G20
Girante - Impeller - Roue - Rodete	Ottone - Brass - Laiton - Latón
Albero motore - Driving shaft - Arbre - Eje motor	AISI 416
Tenuta meccanica - Mechanical seal - Garniture mécanique - Sello mecánico	Ceramica/grafite - Ceramic/graphite Céramique/graphite - Cerámica/grafito
O'ring	NBR

TECHNICAL DATA AT 2850 R.P.M.

The graph displays the performance of the SC pump series. The y-axis represents the head (Hm) in meters, ranging from 0 to 36. The x-axis represents the flow rate (Q) in m³/h, ranging from 0 to 30. Three curves are shown, corresponding to different pump models: 150, 200, and 300. The head decreases as the flow rate increases for all models.

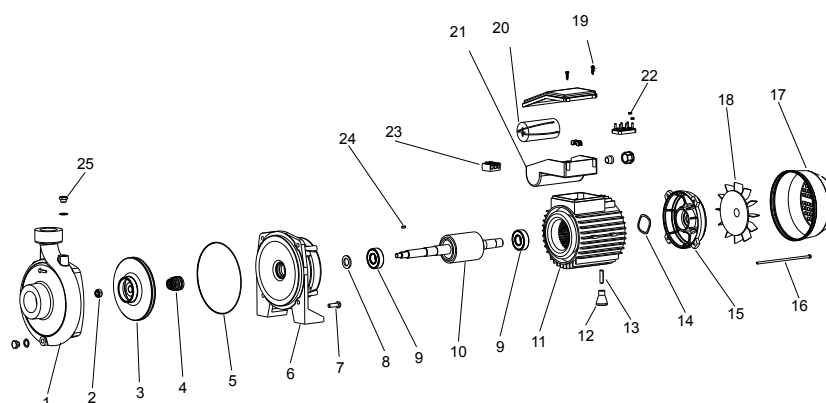
Flow Rate (Q) [m³/h]	Head (Hm) - Model 150	Head (Hm) - Model 200	Head (Hm) - Model 300
0	25.5	27.5	32.5
3	25.0	27.0	32.0
6	24.5	26.5	31.5
9	23.5	25.5	30.5
12	22.5	24.5	29.5
15	21.5	23.5	28.5
18	20.5	22.5	27.5
21	19.5	21.5	26.5
24	18.5	20.5	25.5
27	17.5	19.5	24.5

IMBALLO - PACKING

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SC

COMPONENTI - ELEMENTS



POS.	DESCRIZIONE - DESCRIPTION
1	Corpo pompa - <i>Pump body</i>
2	Dado autobloccante - <i>Self-locking nut</i>
3	Girante - <i>Impeller</i>
4	Tenuta meccanica - <i>Mechanical seal</i>
5	Anello O'Ring - <i>O'Ring</i>
6	Supporto - <i>Motor bracket</i>
7	Vite - <i>Screw</i>
8	Paraspruzzo - <i>Splash ring</i>
9	Cuscinetto - <i>Bearing</i>
10	Albero motore - <i>Motor shaft</i>
11	Statore avvolto in cassa - <i>Wound stator + motor case</i>
12	Piedino - <i>Foot</i>
13	Spina cilindrica - <i>Spring pin</i>
14	Anello reggispira - <i>Adjusting ring</i>
15	Scudo - <i>Shield</i>
16	Tirante - <i>Tie rod</i>
17	Copriventola - <i>Fan cover</i>
18	Ventola di raffreddamento - <i>Cooling fan</i>
19	Vite - <i>Screw</i>
20	Condensatore - <i>Capacitor</i>
21	Scatola portacondensatore monofase - <i>1phase capacitor box</i>
21	Coprimorsettiera trifase - <i>3phase terminal cover</i>
22	Dado - <i>Nut</i>
23	Morsettiera - <i>Terminal box</i>
24	Linguetta - <i>Shaft key</i>
25	Tappo - <i>Screw plug</i>