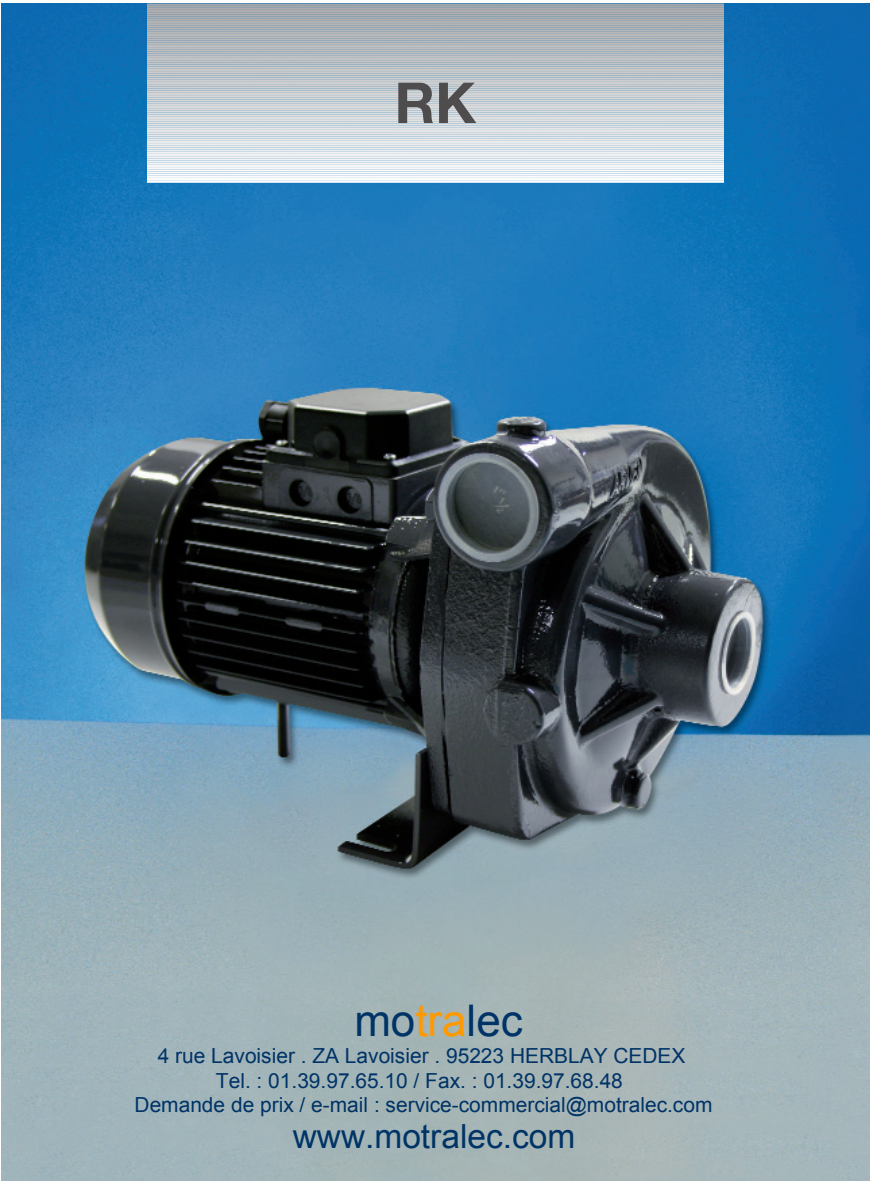


Fiche produit Motralec Arven RK - fiche technique | Motralec

■ **DEMANDE DE PRIX RAPIDE** : <https://www.motralec.com/demandeContact>



**ELETTROPOMPE CENTRIFUGHE CON UNA GIRANTE  
CENTRIFUGAL ELECTRIC PUMPS WITH ONE IMPELLER**

**PREVALENZA** ..... : 15 mt. ÷ 33 mt.  
**PORTATA** ..... : 3 m<sup>3</sup>/h - 18 m<sup>3</sup>/h  
**POTENZA NOMINALE** : 1,1 Kw (1,5HP) ÷ 2,2 Kw (3HP)

**APPLICAZIONI**

- ADATTA PER IMPIEGHI NEL CAMPO DELL'AGRICOLTURA ED IRRIGAZIONE
- MOVIMENTAZIONE DI LIQUIDI NON AGGRESSIVI PER USI CIVILI ED INDUSTRIALI
- INDICATA PER TUTTI GLI IMPIEGHI DOVE SONO RICHIESTE ELE VATE PORTATE D'ACQUA CON PREVALENZE MEDIE

**PUMP HEAD** ..... : 15 m to 33 m  
**DELIVERY** ..... : 3 m<sup>3</sup>/h - 18 m<sup>3</sup>/h  
**RATED HORSEPOWER** : 1,1 kW (1.5HP) to 2,2 kW (3HP)

**APPLICATIONS**

- SUITED TO THE AGRICULTURAL AND FARMING SECTOR FOR FLOOD IRRIGATION SYSTEM
- HANDLING OF NON AGGRESSIVE CIVIL AND INDUSTRIAL LIQUIDS.
- SUITED TO ALL APPLICATIONS REQUIRING HIGH WATER DELIVERY LEVELS AT MEDIUM PRESSURES



CARATTERISTICHE DI COSTRUZIONE

- MOTORE CHIUSO CON VENTILAZIONE ESTERNA E CASSA ALETTATA IN LEGA DI ALLUMINIO
- GRADO DI PROTEZIONE IP 44.
- CLASSE DI ISOLAMENTO: F
- TEMPERATURA MAX.LIQUIDO POMPATO: 50°C
- VERSIONI: Monofase: 220 - 230V/50Hz o 220 - 230V/60Hz con protettore termico incorporato e condensatore permanentemente inserito.  
Trifase: 220 - 230V/50Hz e 380 - 400V/50Hz o 220 - 230V/60Hz e 380 - 400V/60Hz con protezione da sovraccarico a cura dell'utente
- POTENZA MOTORE: DA 1,5 Hp a 3 Hp VERSIONE MONOFASE E TRIFASE

SPECIALI VOLTAGGI E FREQUENZE A RICHIESTA.

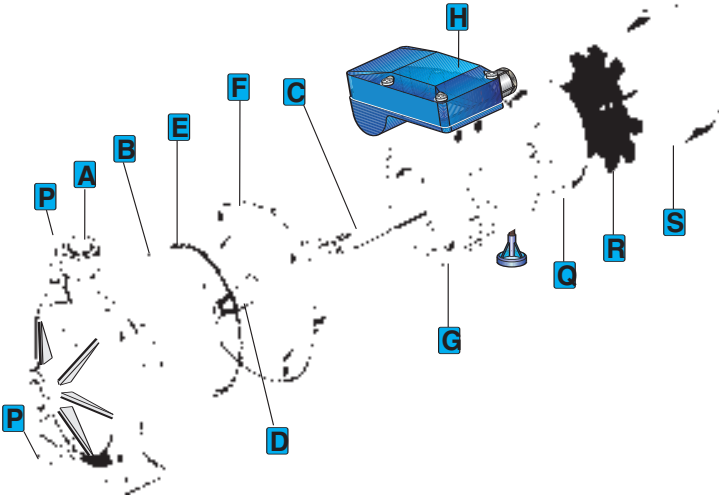
DESIGN ENGINEERING

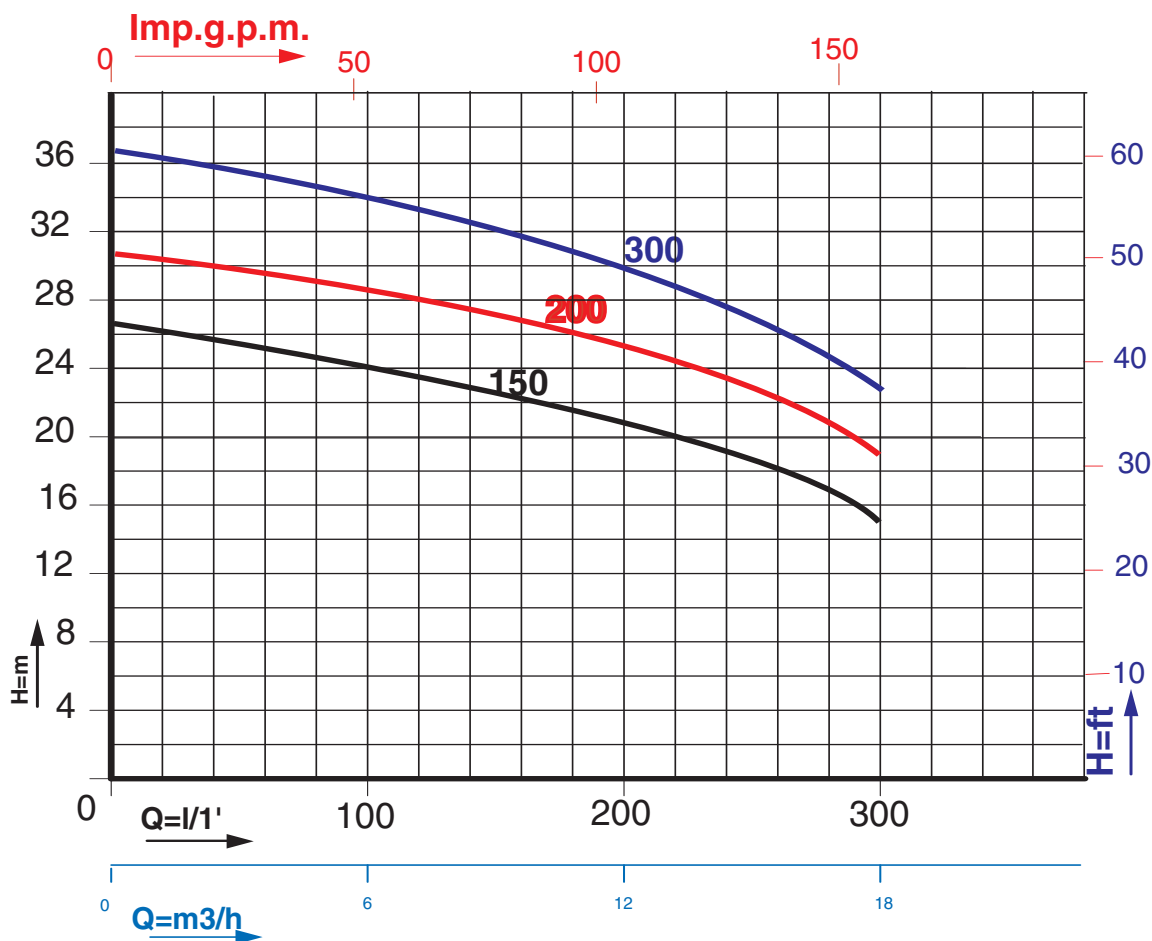
- SEALED MOTOR WITH EXTERNAL VENTILATION AND FINNED ALUMINIUM ALLOY CASING.
- IP 44 PROTECTION CLASS.
- CLASS "F" INSULATION
- MAX. PUMPED LIQUID TEMPERATURE: 50°C
- VERSIONS: Single Phase: 220 - 230 V/50 Hz with built in thermal protection and permanent capacitor.  
Three Phase: 220 - 230V/50Hz or 380- 400V/50Hz and 220 - 230V/60Hz or 380 - 400V/60Hz with overload protection care of the User.
- MOTOR POWER: From 1,5 Hp to 3Hp single phase and three phase version

CUSTOMISED VOLTAGE AND FREQUENCY RATING AVAILABLE ON DEMAND.

TABELLA MATERIALI / MATERIALS TABLE:

| Pos. | Componente / <i>Component</i>                        | Materiale / <i>Materials</i>                              |
|------|------------------------------------------------------|-----------------------------------------------------------|
| A    | Corpo pompa / <i>Pump body</i>                       | GHISA (G20) / <i>CAST IRON</i>                            |
| B    | Girante / <i>Impeller</i>                            | ACCIAIO INOX AISI 304 DIN 1.4301 / <i>STAINLESS STEEL</i> |
| C    | Albero (lato pompa) / <i>Shaft (pump face)</i>       | ACCIAIO INOX AISI 416 DIN 1.4005 / <i>STAINLESS STEEL</i> |
| D    | Tenuta meccanica / <i>Mechanical Seal</i>            | CARBONE- ALLUMINA / <i>COAL- ALUMINA</i>                  |
| E    | O - ring / <i>O-ring</i>                             | NBR                                                       |
| F    | Flangia / <i>Flange</i>                              | GHISA (G20) / <i>CAST IRON</i>                            |
| G    | Cassa motore / <i>Motor housing</i>                  | ALLUMINIO / <i>ALLUMINIUM</i>                             |
| H    | Copribasetta / <i>Cover base</i>                     | TECNOPOLIMERO / <i>TECNOPOLYMER</i>                       |
| P    | Tappi carico, scarico / <i>Fill plug, Drain plug</i> | OTTONE / <i>BRASS</i>                                     |
| Q    | Porta cuscinetto / <i>Bearing holder</i>             | ALLUMINIO / <i>ALLUMINIUM</i>                             |
| R    | Ventola / <i>Fan</i>                                 | TECNOPOLIMERO / <i>TECNOPOLYMER</i>                       |
| S    | Copriventola / <i>Fan cover</i>                      | FERRO / <i>IRON</i>                                       |

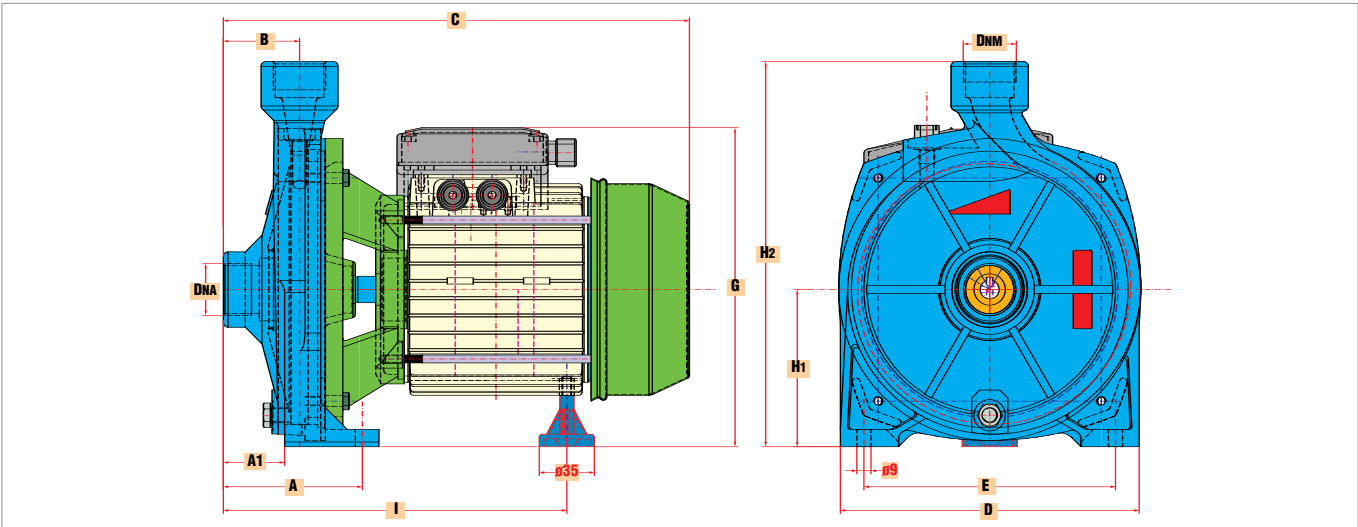
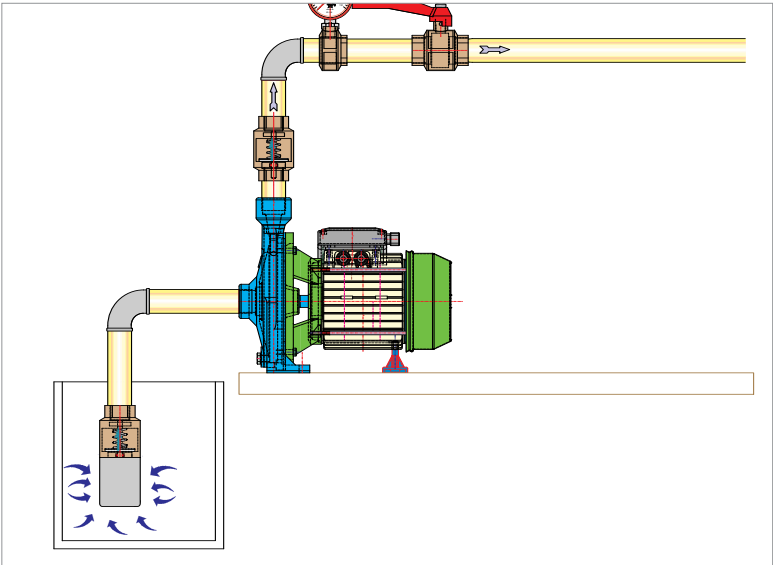
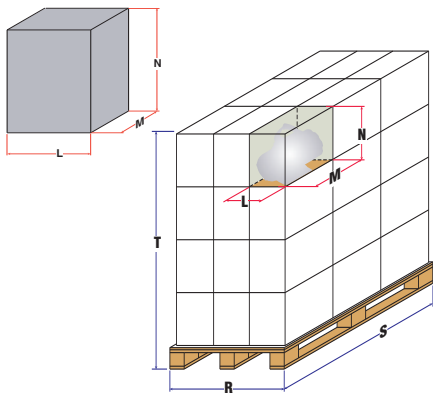




Caratteristiche di funzionamento a 2800 rpm 50Hz e 3450 rpm 60Hz - Performances at 2800 rpm 50 Hz and 3450 rpm 60 Hz  
 Le prestazioni valgono per liquidi con densità  $\rho = 1,0 \text{ kg/dm}^3$  ed una viscosità  $\nu = 1 \text{ mm}^2/\text{s}$  / The performance data holds true for liquids with a  $\rho = 1,0 \text{ kg/dm}^3$  density and a  $\nu = 1 \text{ mm}^2/\text{s}$  viscosity.

| MODELLO<br>MODEL | VOLTAGGIO<br>VOLTAGE<br>50 Hz | DATI ELETTRICI / ELECTRICAL DATA |         |       |                           |      |                | DATI IDRAULICI / HYDRAULIC DATA |    |      |      |      |      |     |  |  |  |
|------------------|-------------------------------|----------------------------------|---------|-------|---------------------------|------|----------------|---------------------------------|----|------|------|------|------|-----|--|--|--|
|                  |                               | P1 max                           | P2 nom. | I max | Condensatore<br>Capacitor |      | m³/h<br>l/min. | 0                               | 3  | 6    | 9    | 12   | 15   | 18  |  |  |  |
|                  |                               | Kw                               | Kw      | HP    | Ampere                    | µF   | VC             | 0                               | 50 | 100  | 150  | 200  | 250  | 300 |  |  |  |
| RK 150 M         | 1 x 220-230V                  | 2                                | 1,1     | 1,5   | 9                         | 31,5 | 450            | 27,5                            | 25 | 24   | 23   | 22   | 20,5 | 15  |  |  |  |
| RK 150 T         | 3 x 380-400V                  | 1,9                              | 1,1     | 1,5   | 3,5                       | ---  | ---            | 27,5                            | 25 | 24   | 23   | 22   | 20,5 | 15  |  |  |  |
| RK 200 M         | 1 x 220-230V                  | 2,3                              | 1,5     | 2     | 12                        | 40   | 450            | 31                              | 29 | 28,5 | 27,6 | 26,5 | 24,5 | 19  |  |  |  |
| RK 200 T         | 3 x 380-400V                  | 2,2                              | 1,5     | 2     | 4,2                       | ---  | ---            | 31                              | 29 | 28,5 | 27,6 | 26,5 | 24,5 | 19  |  |  |  |
| RK 300 T         | 3 x 380-400V                  | 2,8                              | 1       | 2,2   | 5,2                       | ---  | ---            | 36,8                            | 35 | 34,2 | 33   | 31,5 | 29,8 | 25  |  |  |  |
|                  |                               |                                  |         |       |                           |      |                |                                 |    |      |      |      |      |     |  |  |  |
|                  |                               |                                  |         |       |                           |      |                |                                 |    |      |      |      |      |     |  |  |  |

DIMENSIONI / SIZE AND WEIGHT DATA



| MODELLO / <i>MODEL</i> | DIMENSIONI POMPA in mm. / <i>PUMP DIMENSIONS in mm.</i> |      |     |    |    |     |     |     |     |     |     |     |     |  |  |  |
|------------------------|---------------------------------------------------------|------|-----|----|----|-----|-----|-----|-----|-----|-----|-----|-----|--|--|--|
|                        | DNA                                                     | DNM  | A   | A1 | B  | C   | D   | E   | F2  | G   | H1  | H2  | I   |  |  |  |
| RK 150                 | 2 ''                                                    | 2 '' | 149 | 55 | 52 | 365 | 240 | 190 | --- | 220 | 125 | 280 | 300 |  |  |  |
| RK 200                 | 2 ''                                                    | 2 '' | 149 | 55 | 52 | 365 | 240 | 190 | --- | 220 | 125 | 280 | 300 |  |  |  |
| RK 300                 | 2 ''                                                    | 2 '' | 149 | 55 | 52 | 411 | 240 | 190 | --- | 220 | 125 | 280 | 300 |  |  |  |

| MODELLO / <i>MODEL</i> | DIMENSIONI SCATOLA / <i>PACKING DIMENSIONS</i> |          |          |                      | DIMENSIONI PALLET / <i>PALLET DIMENSIONS</i> |          |          |                        |                      |
|------------------------|------------------------------------------------|----------|----------|----------------------|----------------------------------------------|----------|----------|------------------------|----------------------|
|                        | L<br>mm.                                       | M<br>mm. | N<br>mm. | Peso / Weight<br>Kg. | R<br>mm.                                     | S<br>mm. | T<br>mm. | nr.<br>scatole/cartons | Peso / Weight<br>Kg. |
| RK 150                 | 260                                            | 395      | 335      | 25                   | 800                                          | 1200     | 1015     | 32                     | 806                  |
| RK 200                 | 260                                            | 395      | 335      | 27                   | 800                                          | 1200     | 1015     | 32                     | 870                  |
| RK 300                 | 270                                            | 430      | 335      | 31,5                 | 800                                          | 1200     | 1015     | 32                     | 1014                 |
|                        |                                                |          |          |                      |                                              |          |          |                        |                      |
|                        |                                                |          |          |                      |                                              |          |          |                        |                      |
|                        |                                                |          |          |                      |                                              |          |          |                        |                      |

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