



Fiche produit Motralec Arven RB - fiche technique | Motralec

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



ELETTROPOMPE CENTRIFUGHE CON DUE GIRANTI
CENTRIFUGAL ELECTRIC PUMPS WITH TWO IMPELLERS

PREVALENZA : 42 mt. ÷ 89 mt.
PORTATA : 5,4 m³/h ÷ 15,6 m³/h
POTENZA NOMINALE : 0,75 Kw (1HP) ÷ 5,5 Kw (7,5HP)

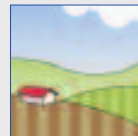
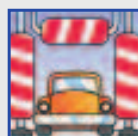
PUMP HEAD : 42 m to 89 m
DELIVERY : 5.4 m³/h to 15.6 m³/h
RATED HORSEPOWER : 0.75 kW (1HP) to 5.5 kW (7,5HP)

APPLICAZIONI

- PRESSURIZZAZIONE DI IMPIANTI DOMESTICI E PICCOLA IRRIGAZIONE.
- MOVIMENTAZIONE DI LIQUIDI NON AGGRESSIVI PER USI CIVILI ED INDUSTRIALI.
- IMPIANTI DI LAVAGGIO, INSERIMENTO SU MACCHINARI PIU' COMPLESSI PER USI INDUSTRIALI.

APPLICATIONS

- FOR DOMESTIC SYSTEMS AND SMALL IRRIGATION SYSTEM PRESSURISATION.
- HANDLING OF NON AGGRESSIVE CIVIL AND INDUSTRIAL LIQUIDS.
- FOR WASHING SYSTEMS AND FOR INSERTION INTO COMPLEX INDUSTRIAL MACHINERY AND LINES.



CARATTERISTICHE DI COSTRUZIONE

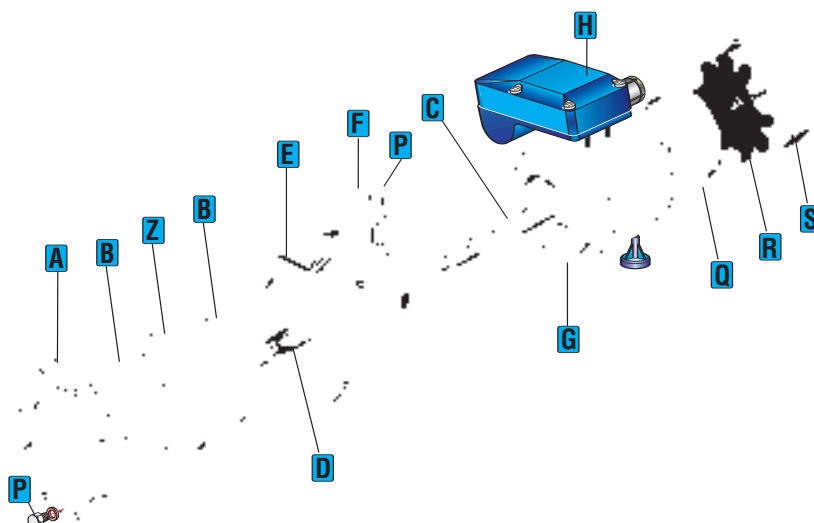
- MOTORE CHIUSO CON VENTILAZIONE ESTERNA E CASSA ALETTATA IN LEGA DI ALLUMINIO
 - GRADO DI PROTEZIONE IP 44.
 - CLASSE DI ISOLAMENTO: F
 - TEMPERATURA MAX.LIQUIDO POMPATO: 50°C
 - VERSIONI: Monofase: 220 - 230V/50Hz o 220 - 230V/60Hz con protettore termico incorporato e condensatore permanentemente inserito.
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: 1 Hp solo VERSIONE MONOFASE.
DA 1,5 Hp a 2 Hp VERSIONE MONOFASE E TRIFASE
DA 3 Hp a 7,5 SOLO VERSIONE TRIFASE.
- SPECIALI VOLTAGGI E FREQUENZE A RICHIESTA.

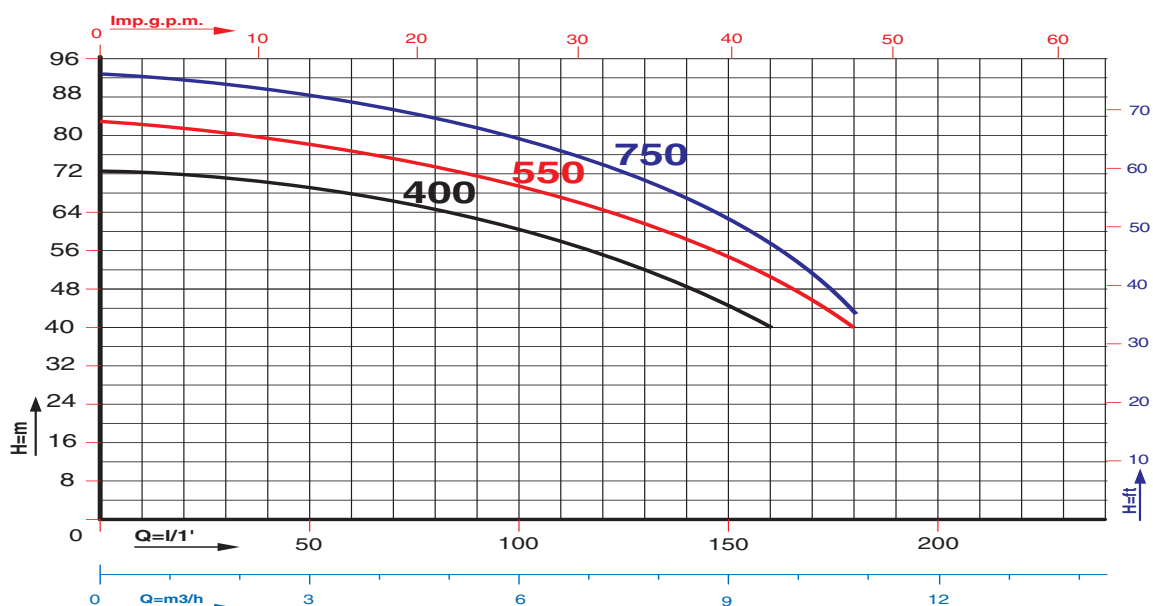
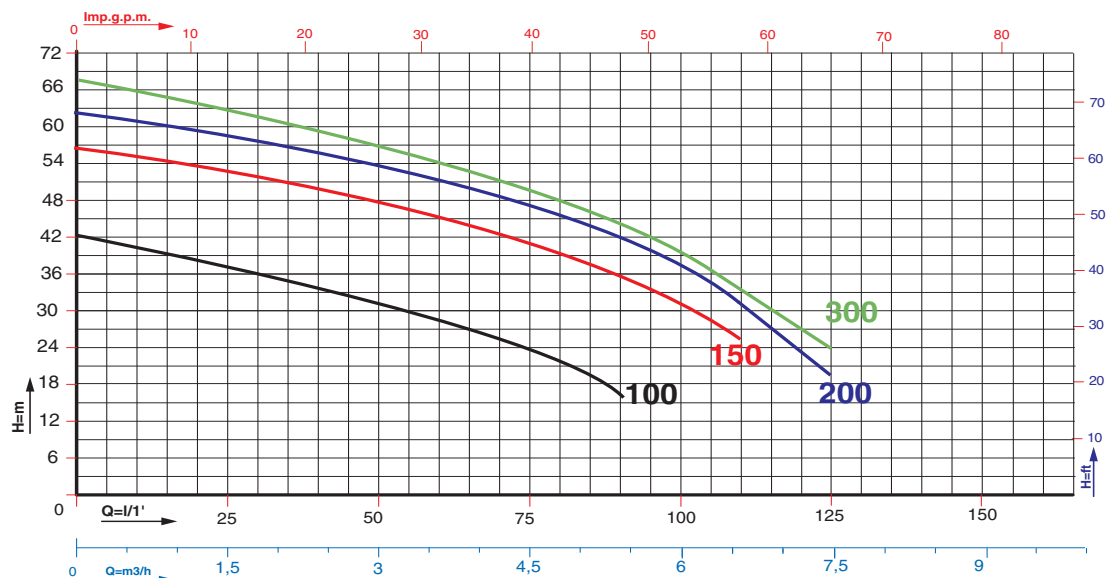
DESIGN ENGINEERING

- 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: 1 Hp only single phase versions.
From 1.5 Hp to 2 Hp single phase and three phase version
From 3 Hp to 7,5 only Three Phase versions.
- CUSTOMISED VOLTAGE AND FREQUENCY RATING AVAILABLE ON DEMAND.

TABELLA MATERIALI / MATERIALS TABLE:

Pos.	Componente / <i>Component</i>	Materiale / <i>Materials</i>
A	Coperchio pompa / <i>Pump cover</i>	GHISA (G20) / <i>CAST IRON</i>
B	Girante / <i>Impeller</i>	OTTONE / <i>BRASS</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 - Guarnizione / <i>O-ring - Gasket</i>	NBR
F	Corpo flangia / <i>Flange body</i>	GHISA (G20) / <i>CAST IRON</i>
G	Cassa motore / <i>Motor housing</i>	ALLUMINIO / <i>ALLUMINIUM</i>
H	Copribasetta / <i>Cover base</i>	TECNOPLIMERO / <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>	TECNOPLIMERO / <i>TECNOPOLYMER</i>
S	Copriventola / <i>Fan cover</i>	FERRO / <i>IRON</i>
Z	Separatore / <i>Separator</i>	GHISA (G20) / <i>CAST IRON</i>

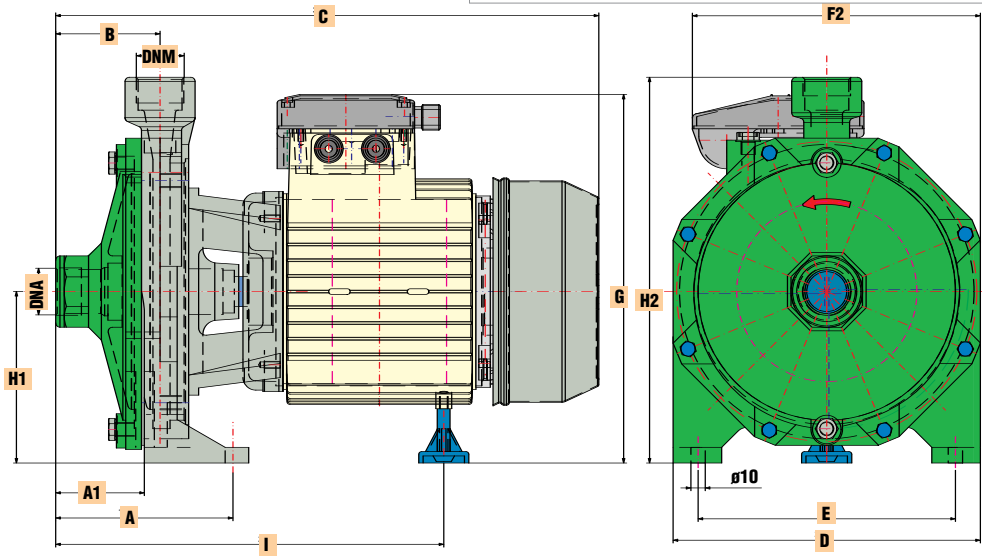
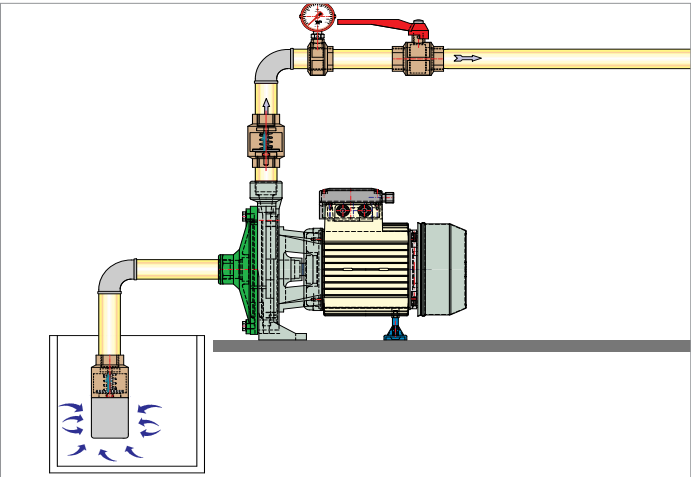
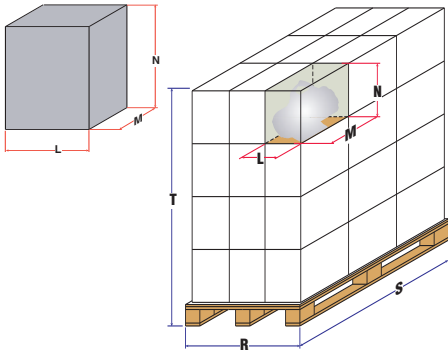




Caratteristiche di funzionamento a 2800 rpm 50Hz e 3450 rpm 60Hz - Performances at 2800 rpm 50 Hz and 3450 rpm 60 Hz
Le prestazioni valgono per liquidi con densità $p = 1,0 \text{ kg/dm}^3$ ed una viscosità $v = 1 \text{ mm}^2/\text{s}$ / The performance data holds true for liquids with a $p = 1,0 \text{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

MODELLO <i>MODEL</i>	VOLTAGGIO <i>VOLTAGE</i> 50 Hz	DATI ELETTRICI / <i>ELECTRICAL DATA</i>						DATI IDRAULICI / <i>HYDRAULIC DATA</i>									
		P1max	P2 nom.	I max	Condensatore <i>Capacitor</i>	m³/h l/min.	0	0,6	1,8	3	4,5	4,8	5,4	6,6	7,5		
		Kw	Kw	HP												Ampere	µF
RB 100 M	1 x 220-230V	1,2	0,75	1	5,5	20	450	PRESSIONE TOTALE IN METRI COLONNA ACQUA / TOTAL PUMP HEAD AND WATER COLUMN HEIGHT IN M.	42	40	36	31,5	23,5	21,5	16,5		
RB 150 M	1 x 220-230V	2,1	1,1	1,5	9,5	35	450		56	55	52,5	49	42	39,5	36	26	
RB 150 T	3 x 380-400V	2	1,1	1,5	3,5	---	---		56	55	52,5	49	42	39,5	36	26	
RB 200 M	1 x 220-230V	2,5	1,5	2	11	40	450		62	60	57	55	49	48	42	32,5	20
RB 200 T	3 x 380-400V	2,4	1,5	2	4	---	---		62	60	57	55	49	48	42	32,5	20
RB 300 T	3 x 380-400V	2,8	2,2	3	5	---	---		67	65,2	61,5	60	53	50	46	33,5	24
RB 400 T	3 x 380-400V	4,5	3	4	8	---	---		72,5	71,5	66,5	64,5	61	56	49,5	43	
RB 550 T	3 x 380-400V	6,5	4	5,5	10,5	---	---		83	81	77,5	74	70	66	60	49	40
RB 750 T	3 x 380-400V	7,2	5,5	7,5	11,5	---	---		92,5	90	88	83,5	80	74	67	57	42

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	
RB 100	1"	1"	133	64	64	332	185	145	175	220	100	228	250	
RB 150	1" 1/4	1"	140	75	85	390	215	165	205	245	120	270	295	
RB 200	1" 1/4	1"	140	75	85	390	215	165	205	245	120	270	295	
RB 300	1" 1/4	1"	140	75	85	390	215	165	205	245	120	270	295	
RB 400	2"	1" 1/4	149	80	88	463	270	220	260	263	140	305	355	
RB 550	2"	1" 1/4	160	80	103,5	463	270	220	260	263	140	305	355	
RB 750	2"	1" 1/4	160	80	103,5	463	300	240	295	263	160	305	355	

MODELLO / <i>MODEL</i>	DIMENSIONI SCATOLA / <i>PACKING DIMENSIONS</i>				DIMENSIONI PALLET / <i>PALLET DIMENSIONS</i>					
	L mm.	M mm.	N mm.	Peso / Weight Kg.	R mm.	S mm.	T mm.	nr. scatole/cartons	Peso / Weight Kg.	
RB 100	200	350	280	16	800	1200	1500	60	965	
RB 150	220	400	300	24,5	800	1200	1360	36	887	
RB 200	220	400	300	25	800	1200	1360	36	905	
RB 300	220	400	300	25	800	1200	1360	36	905	
RB 400	290	540	340	43,5	800	1200	1375	20	875	
RB 550	290	540	340	46,3	800	1200	1375	20	931	
RB 750	290	540	340	47	800	1200	1375	20	945	

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Arven RB

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