

CONVENTIONAL & MONOBLOCK COOLANT PUMP RV40-RV250

CONSTRUCTION

Stem C.I.
Impeller Velox553/AL
Impeller Cover Velox553/CI
Shaft EN8

OPTIONS

Stem Gunmetal/S.S
Impeller Gunmetal/CI/S.S
Impeller Cover Gunmetal
Shaft Teflon Coated/S.S.410

APPLICATION

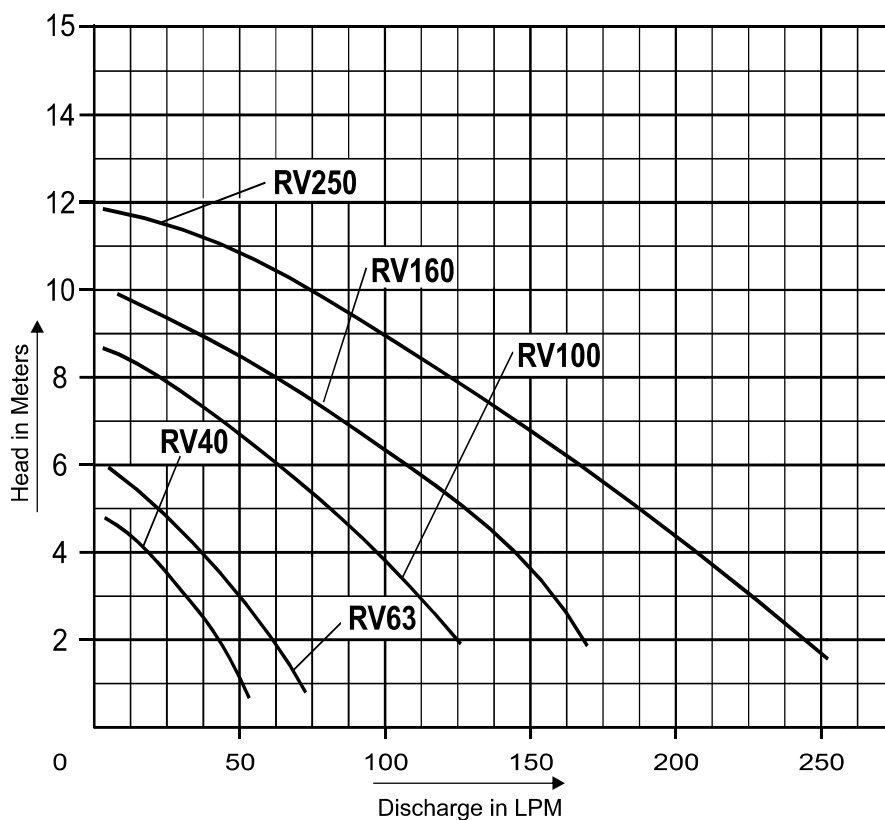
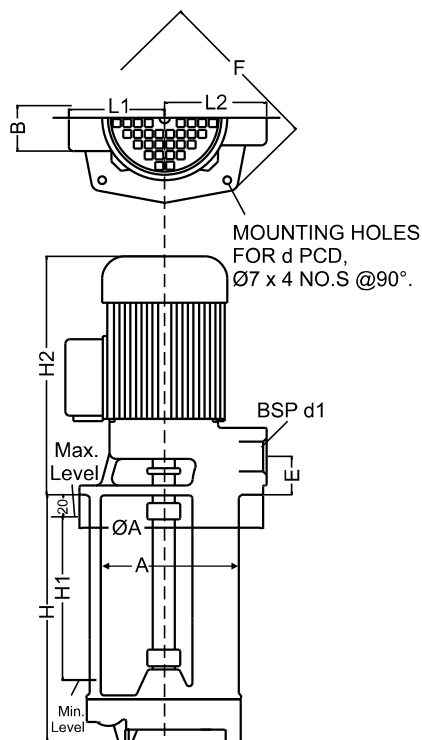
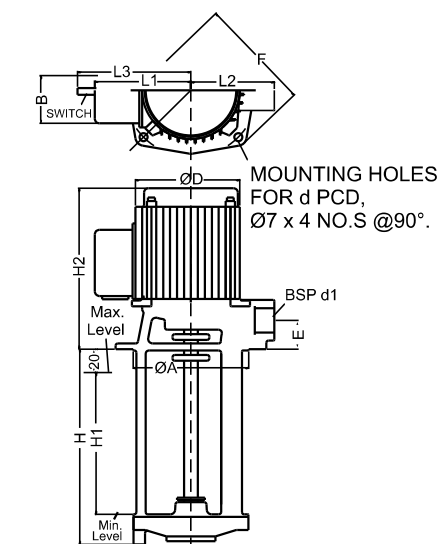
Types of Fluids - Water
- Cooling Emulsion
- Cooling/Cutting Oils

SPECIAL VERSIONS

Available
* ON/OFF Rotary switch
* With flame proof motor for hazardous liquids
* For Frequent ON/OFF Cycles * For Any Immersion depth
* For high viscous liquids * To handle Hot Liquids upto 100 C°

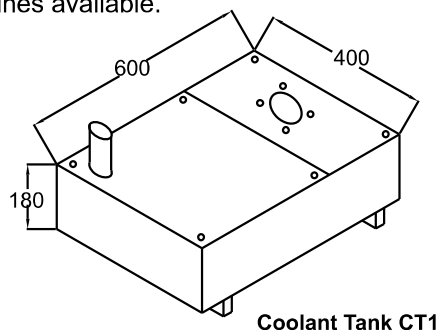
USED ON

All lathes, Milling, CNC, retrofittings, EDM wire and other conventional machines, Cutting Machines, Printing machines Etc



Accessories:

Coolant Tank with pipe set to suit Lathes, Grinding Machines, Drilling Machines available.



Coolant Tank CT1

SIZE	TYPE	Immersion Depth H	H1 MAX	H2 MAX	A+0 -1	B MAX	D MAX	d -0.2	d1 BSP	E -0	F	L1 MAX	L2	L3	Flow at 2mtr hd $\pm 15\%$	Max Hd $\pm 10\%$	Kw	Wt in Kg
RV40 #	40/120	120	30	141	100	72	85	115	G $\frac{3}{4}$ "	30	130	90	72	125	40	5	0.1	4.5
	40/170	170	80															4.5
	40/220	220	130	175	100	72	105	115	G $\frac{3}{4}$ "	30	130	95	80	130	40	5	0.1	6
	40/270	270	180															6.7
	40/350	350	260															7.3
RV63 #	63/120	120	30															6.0
	63/170	500	80															6.0
	63/220	220	130	174	100	72	125	115	G $\frac{3}{4}$ "	30	130	95	80	130	63	6	0.18	6.50
	63/270	250	180															7.0
	63/350	350	260															10.0
RV100 #	100/170	170	80															8.25
	100/220	220	130	235	140	72	125	160	G1"	32	180	105	95	130	100	8	0.20	8.50
	100/270	270	180															9.25
RV160 #	160/170	170	80	235														8.50
	160/220	220	130		140	72	125	160	G1"	32	180	105	95	130	160	10	0.3	9.25
	160/270	270	180	217														10
	160/350+	350	260															13
RV250 #	250/170	180	80															11.0
	250/220	230	130															12.0
	250/270	250	180	230	140	70	125	160	G1 $\frac{1}{4}$ "	32	180	105	95	130	250	11	0.5	14.0
	250/270	360	190															15.00
	250/350+	350	260															23
	250/450+	450	350	230	140	72	125	160	G1 $\frac{1}{4}$ "	32	180	105	95	130	250	13	0.54	25

Non Standard Immersion depths are available instep of 180mm for RV40 - RV250
Maximum Immersion depth is 500 mm for RV40/RV63 & 1000 mm for RV100 - RV250

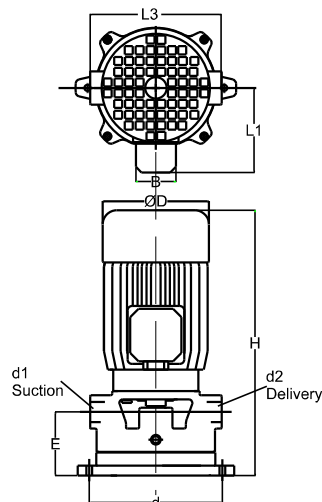
RV Series as per IS: 2161 + H2 Max is 50mm extra -Tank, Pipe set available in standard sizes.

#- Available in all Stainless Steel (SS316) Construction

VERTICAL FOOT MOUNTED RMB-V SERIES

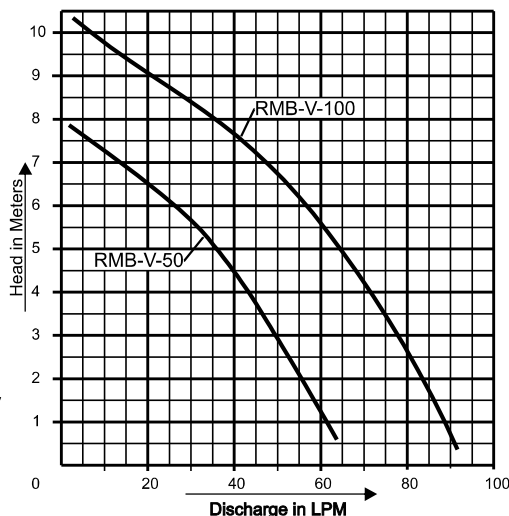
CONSTRUCTION

Stem : C.I. / Impeller : AL. / Impeller Cover : C.I. /
Shaft : EN8 / Mechanical seal : Carbon / Ceramic



OPTIONS

Stem : Gunmetal / Impeller : C.I./Gunmetal / Impeller Cover : Gunmetal /
Shaft : S.S / Mechanical seal : Carbon / Ceramic



TYPE	H	D	d1	d2	d	E	L3	L1	Kw	Wt. Kg.
RMB-V-50	280	145	G $\frac{3}{4}$ "	G $\frac{3}{4}$ "	160	80	160	120	0.25	14
RMB-V-100	280	145	G1"	G1"	160	110	180	120	0.37	16

NOTE :

- The above shown performance curve is for water, without non-return valve & water level 300MM below the pump suction. Pump delivers higher discharge when connected at tank level (20-30% more), and reduces as the water level drops.
- The pump can prime, following initial priming, upto 400MM, for higher depth upto 600MM a non-return valve is to be used at the delivery side. Use of non-return valve causes a drop of 10% in the performance.
- The suction line must be air tight and avoid the use of foot valve.

* Standard spares : Impeller, Mechanical seal and gasket (sealing) set.