

# VERTICAL MULTISTAGE INLINE PUMPS MV SERIES

C.R.I. Vertical Multistage Inline pumps are the products of expertise gained from over four decades of experience, endurance and workmanship. C.R.I. Products are engineered to perfection with utmost care and stringent quality control at all stages to ensure a trouble-free service.

## SPECIAL FEATURES

- Stainless steel impellers, shaft and stage casings (SS 304 / SS 316)
- All single phase motors are fitted with thermal motor protector
- Strengthened cartridge seals
- Enhanced hydraulic efficiency
- Good compatibility and environment friendly
- Low noise level and low vibration level

## SPECIFICATIONS

Power Range	: 0.37 kW - 45 kW
Max. Flow Rate	: Upto 90 m <sup>3</sup> /hr
Maxi. Total Head	: Upto 300 mtrs
Max. Liquid Temperature	: -15° C to +120° C



## APPLICATIONS

Industrial and domestic pressure boosting, Boiler feed, Reverse Osmosis (RO), DM Plant, Hot & Cold water and coolant circulation, Industrial washing, Firefighting systems, Water supply in buildings and Irrigation.



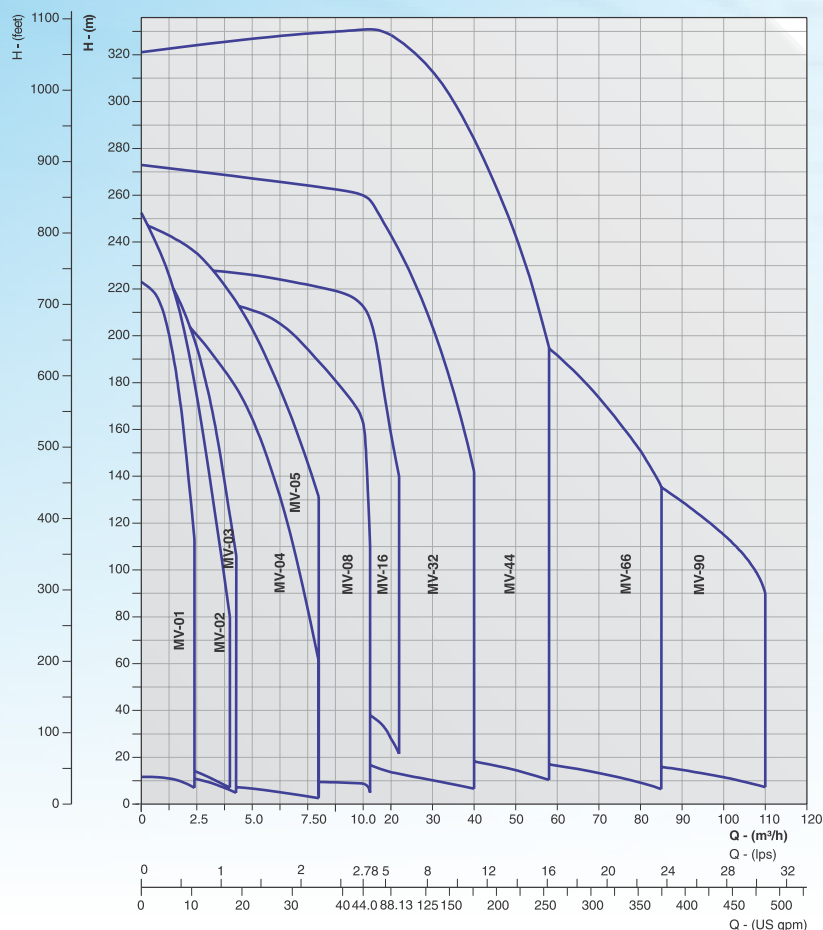
# VERTICAL MULTISTAGE INLINE PUMPS

## MV SERIES

### MATERIALS OF CONSTRUCTION

Part Name	Type-C	Type-S	Type-N
Outer Shell	SS 304	SS 304	SS 316
Pump Head	C.I	SS 304	SS 316
Pump Base	C.I	SS 304	SS 316
Base Plate	-	C.I	C.I
Impeller	SS 304	SS 304	SS 316
Diffuser (Chamber)	SS 304	SS 304	SS 316
Pump Shaft	SS 304 / SS 431	SS 304 / SS 431	SS 316 / SS 329
Bearing Ring	SiC Carbide & Tungsten Carbide	SiC Carbide & Tungsten Carbide	SiC Carbide & Tungsten Carbide
Mechanical Seal	SiC / SiC / FKM, T.C / Carbon / FKM, T.C / T.C / FKM*, SiC / SiC / EPDM*, T.C / Carbon / EPDM*, T.C / T.C / EPDM*	SiC / SiC / FKM, T.C / Carbon / FKM, T.C / T.C / FKM*, SiC / SiC / EPDM*, T.C / Carbon / EPDM*, T.C / T.C / EPDM*	SiC / SiC / FKM, T.C / Carbon / FKM, T.C / T.C / FKM*, SiC / SiC / EPDM*, T.C / Carbon / EPDM*, T.C / T.C / EPDM*

### GROUP PERFORMANCE CURVES



### TECHNICAL DATA

Power Range	0.37 kW to 45 kW
Speed	2900 rpm
Degree of protection	IP55
Insulation class	'F'
Versions	Single Phase 230V, 50Hz, A.C. Supply, CSCR incorporated with thermal over load protector Three Phase 415V, 50Hz, A.C. Supply
Sealing	Mechanical seal Cartridge type
Type of duty	S1 (Continuous)
Flange type	Round (optional : PJE)
Flange standard	DIN
Pipe connection	DN 25, DN 32, DN 40, DN 50, DN 65, DN 80, DN 100

## C.R.I. PUMPS PRIVATE LIMITED

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