

# VERTICAL MULTISTAGE INLINE PUMPS MV SERIES



C.R.I. Vertical Multistage Inline pumps are 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 motors protector
- . Strengthened cartridge seals
- . Enhanced hydraulic efficiency
- . Good compatibility and environment friendly
- . Low noise level and low vibration level

## APPLICATIONS

Water pressure boosting | Residential Buildings | Apartments | Bungalows | Cottage & Villas | Schools | Hospitals | Industries | Liquid transfer | Prinkler irrigation systems | etc.,

## SPECIFICATIONS

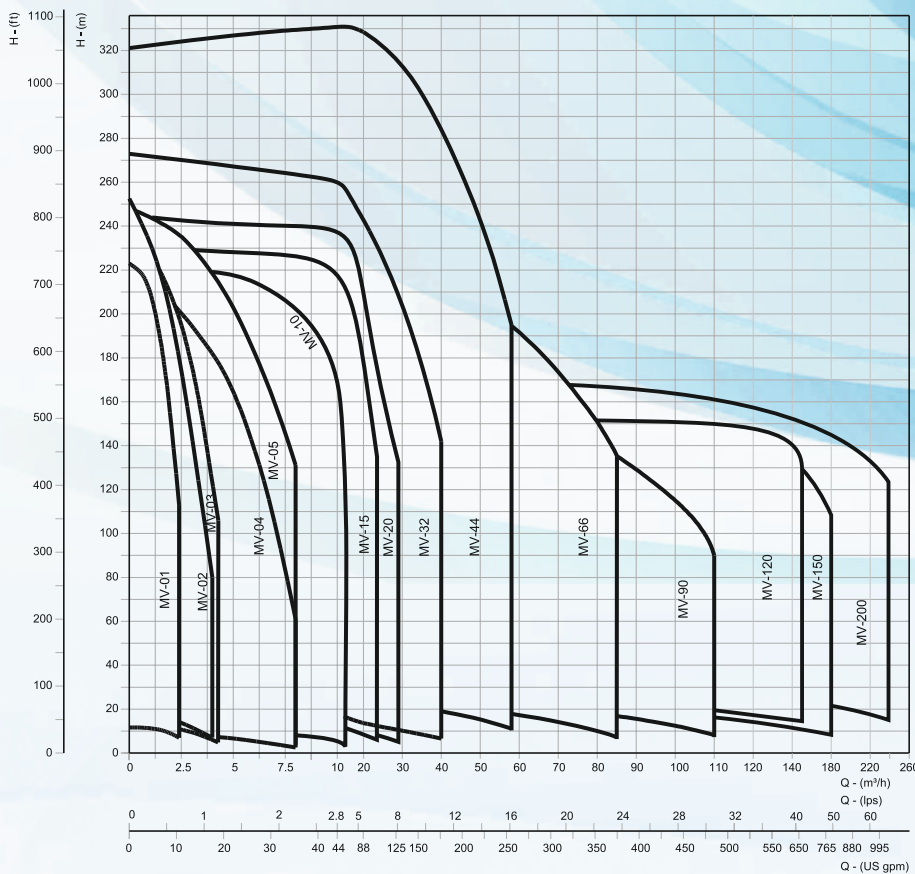
Power Range	: up to 110 kW
Max. Flow Rate	: upto 200 m <sup>3</sup> /hr
Max. Total Head	: upto 300 m
Max. Liquid Temperature	: -15°C to + 120°C

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## 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 Vs SiC Vs Viton / T.C Vs Car Vs Viton		

## PERFORMANCE CURVES



## TECHNICAL DATA

Power Range	0.37 kW to 110 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
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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