

“VILM” SERIES

APPLICATION

VERTICAL MULTISTAGE IN-LINE CENTRIFUGAL PUMP

- Vertical multistage centrifugal pumps type MC are designed for a wide range of applications.
- Water supply systems.
- Water Circulation / Water Treatment Plant
- Hydro Pneumatic Systems / Condensate transfer.
- Agriculture / Industrial Washing
- Coolant Circulation.
- Boiler Feeding / Fire Fighting / Booster Applications.
- Ship Building / RO-DM Plants / Sprinkle irrigation.

MOTOR OPTION

• Standard pumps are fitted with motor adaptor suitable for mounting Vertical Flange Mounting V-1 frame Motor, Special motor adaptor can be provided to suite other specification. The pumps is coupled with a Electric motor, which is totally enclosed , fan cooled Squirrel cage motor. Single-phase Motors have a built thermal overload protection. Three phase motors should be protected by a suitable motor starter as per local regulations.

RANGE

- **Range** : Up To 4" Outlet Size
- **Maximum Head** : 280 Meter
- **Maximum Capacity** : 90M³/hr
- **Can Handle Liquids Up To 120°C**

2 SERIES									
Pump model	Motor Power(HP)	FLOW (M3/HR)	0	0.5	1	1.5	2	2.5	3
2-20	0.5	HEAD	18.7	18.2	17.7	16.6	15.4	13.5	11.6
2-30	0.5		28.1	27.3	26.6	24.9	23.1	20.3	17.4
2-40	1		37.4	36.4	35.4	33.2	30.9	27.0	23.2
2-50	1		46.8	45.6	44.3	41.4	38.6	33.8	29.0
2-60	1		56.2	54.7	53.2	49.7	46.3	40.6	34.8
2-70	1		65.5	63.8	62.0	58.0	54.0	47.3	40.6
2-90	1.5		84.3	82.0	79.8	74.6	69.4	60.8	52.3
2-110	1.5		103.0	100.2	97.5	91.2	84.9	74.4	63.9
2-130	2		121.7	118.4	115.2	107.7	100.3	87.9	75.5
2-150	2		140.4	136.7	132.9	124.3	115.7	101.4	87.1
2-180	3		168.5	164.0	159.5	149.2	138.9	121.7	104.5
2-220	3		205.9	200.4	194.9	182.3	169.7	148.7	127.7
2-260	4		243.4	236.9	230.4	215.5	200.6	175.8	150.9
2-360	7.5		337.0	328.0	319.0	298.4	277.7	243.4	209.0

4 SERIES													
Pump model	Motor Power(HP)	FLOW (M3/HR)	0	1.5	2	2.5	3	3.5	4	4.5	5	5.5	6
4-20	0.5	HEAD	19.8	18.6	18.2	17.6	17.0	16.4	15.8	15.1	14.3	13.4	12.5
4-30	1		29.7	28.0	27.3	26.5	25.5	24.5	23.7	22.6	21.4	20.0	18.8
4-40	1		39.6	37.3	36.4	35.3	34.0	32.7	31.6	30.2	28.5	26.7	25.1
4-50	1.5		49.5	46.6	45.5	44.1	42.5	40.9	39.5	37.7	35.7	33.4	31.4
4-60	1.5		59.5	55.9	54.5	52.9	51.0	49.1	47.5	45.3	42.8	40.1	37.6
4-70	2		69.4	65.2	63.6	61.7	59.5	57.3	55.4	52.8	50.0	46.8	43.9
4-80	2		79.3	74.5	72.7	70.5	68.0	65.5	63.3	60.4	57.1	53.5	50.2
4-100	3		99.1	93.2	90.9	88.2	85.0	81.8	79.1	75.5	71.4	66.8	62.7
4-120	3		118.9	111.8	109.1	105.8	102.0	98.2	94.9	90.5	85.6	80.2	75.3
4-140	4		138.7	130.5	127.3	123.5	119.0	114.5	110.7	105.6	99.9	93.5	87.8
4-160	4		158.5	149.1	145.5	141.1	136.0	130.9	126.5	120.7	114.2	106.9	100.4
4-190	5		188.3	177.0	172.7	167.5	161.5	155.5	150.3	143.4	135.6	127.0	119.2
4-220	5		218.0	205.0	200.0	194.0	187.0	180.0	174.0	166.0	157.0	147.0	138.0
4-280	7.5		277.5	260.9	254.5	246.9	238.0	229.1	221.5	211.3	199.8	187.1	175.6



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8 SERIES											
Pump model	Motor Power(HP)	FLOW (M3/HR)	0	5	6	7	8	9	10	11	12
8-02	1	HEAD	23.9	22.4	21.7	21.0	19.8	18.6	16.7	14.6	12.3
8-03	1.5		35.8	33.6	32.6	31.5	29.7	27.9	25.1	21.9	18.4
8-04	2		47.7	44.8	43.4	42.0	39.7	37.1	33.4	29.1	24.6
8-05	3		59.6	56.0	54.3	52.5	49.6	46.4	41.8	36.4	30.7
8-06	3		71.6	67.2	65.1	63.0	59.5	55.7	50.1	43.7	36.9
8-08	4		95.4	89.5	86.9	84.0	79.3	74.3	66.9	58.3	49.1
8-10	5		119.3	111.9	108.6	105.0	99.1	92.9	83.6	72.9	61.4
8-12	7.5		143.1	134.3	130.3	126.0	119.0	111.4	100.3	87.4	73.7
8-14	7.5		167.0	156.7	152.0	147.0	138.8	130.0	117.0	102.0	86.0
8-16	10		190.9	179.1	173.7	168.0	158.6	148.6	133.7	116.6	98.3
8-18	10		214.7	201.5	195.4	189.0	178.5	167.1	150.4	131.1	110.6
8-20	10		238.6	223.9	217.1	210.0	198.3	185.7	167.1	145.7	122.9

16 SERIES													
Pump model	Motor Power(HP)	FLOW (M3/HR)	0	4	6	8	10	12	14	16	18	20	22
16-02	3	HEAD	34.4	33.4	32.8	31.8	30.7	29.3	27.7	25.8	23.0	19.4	13.8
16-03	4		51.6	50.1	49.2	47.7	46.1	43.9	41.6	38.7	34.5	29.1	20.8
16-04	5		68.9	66.9	65.7	63.6	61.4	58.6	55.4	51.6	46.0	38.8	27.7
16-05	7.5		86.1	83.6	82.1	79.5	76.8	73.2	69.3	64.5	57.5	48.5	34.6
16-06	10		103.3	100.3	98.5	95.4	92.1	87.9	83.1	77.4	69.0	58.2	41.5
16-07	10		120.5	117.0	114.9	111.4	107.5	102.5	97.0	90.4	80.5	67.9	48.5
16-08	12.5		137.7	133.7	131.3	127.3	122.9	117.1	110.9	103.3	92.0	77.5	55.4
16-09	12.5		154.9	150.4	147.7	143.2	138.2	131.8	124.7	116.2	103.5	87.2	62.3
16-10	15		172.1	167.1	164.1	159.1	153.6	146.4	138.6	129.1	115.0	96.9	69.2
16-11	15		189.4	183.9	180.6	175.0	168.9	161.1	152.4	142.0	126.5	106.6	76.1
16-12	20		206.6	200.6	197.0	190.9	184.3	175.7	166.3	154.9	138.0	116.3	83.1
16-13	20		223.8	217.3	213.4	206.8	199.6	190.4	180.1	167.8	149.5	126.0	90.0
16-14	20		241.0	234.0	229.8	222.7	215.0	205.0	194.0	180.7	161.0	135.7	96.9



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