

**DOCTOR CENTRIFUGAL MECHANICAL PUMP (WITHOUT GLAND ROPE)**  
**APPROXIMATE PERFORMANCE DATA AT 1450 RPM**

Sr. No.	Size in inch	Model No.	Required HP on Duty Point	DISCHARGE IN LPS	TOTAL HEAD IN METER															
					8	10	12	14	16	18	20	22	24	26	28	30	32	34	36	38
1	2.5" x 2.5"	*CD FM 6 / ES FM 6	7			18.0	18.0	18.0	18.0	18.0	17.5	16.0								
2	2.5" x 2"	*ES FMH 3	7					15.5	15.5	15.0	15.0	14.5	14.5	13.5	9.5					
3	2.5" x 2.5"	*ES FMH 1	8				20.3	20.3	20.3	20.3	20.3	20.1	19.3	17.0	13.2					
4	3" x 2.5"	*ES FMH 4	10.5					24.5	24.5	24.2	24.0	23.5	23.0	22.0	20.0	13.0				
5	3" x 2.5"	CD FM 3 / ES FM 3	8				25.0	25.0	25.0	24.5	20.2	18.0								
6	3" x 3"	*CD FM 3 / ES FM 3	8		25.0	25.0	24.5	24.0	24.0	23.5	20.0									
7	3" x 3"	ES FMH 2	10.5		24.5	24.0	24.0	24.0	23.8	23.6	23.2	22.8	22.6	19.7	15.0					
8	4" x 3"	*CD FM 5 / *ES FM 5	8.5				37.0	35.0	30.5	26.0	18.0									
9	4" x 4"	CD FM 4	14		58.0	56.0	56.0	56.0	53.0	50.0	45.0	38.0	24.5							
10	4" x 4"	*ES FM 4	10.5			44.0	41.0	38.5	34.0	30.0	17.0									
11	2.5" x 2.5"	CD FMA 6	6		17.5	17.0	17.0	17.0	22.0	22.0	21.0	18.4	7.7							
12	3" x 3"	CD FMA 3	8		25.0	25.0	24.0	24.0	24.0	23.5	20.0									
13	4" x 4"	CD FMA 4	10.5				53.5	53.5	51.5	47.5	41.5	30.0								
14	2.5" x 2.5"	ES FMHA 1	8																	
15	3" x 2.5"	ES FMHA 4	10			22.5	22.5	22.0	22.0	21.8	21.6	21.2	20.7	18.9	17.0					
16	3" x 3"	ES FMHA 2	12.5		27.7	27.7	27.7	27.65	27.65	27.65	27.25	26.5	25.3	22.6	18.4	8.7				
17	3" x 2.5"	ES FMHP 4	12.5				19.0	17.5	16.5	15.5	15.2	15.0	15.0	14.8	14.6	14.4	14.0	13.6		
18	3" x 3"	ES FMHP 3	15				26.3	25.8	25.7	25.6	25.5	25.4	25.3	25.0	24.9	24.6	24.3	23.8		
19	3" x 2.5"	ES FMHPA 4	12.5				17.0	16.2	16.1	16.0	15.9	15.5	15.3	15.2	15.0	14.8	14.5	14.0		
20	4" x 4"	ES FMHA 10	8				20.0	19.8	19.6	19.2	18.8	18.0	17.0	15.5	13.5					

As the design and manufacture of "doctor" pumps are subject to constant development, the product supplied may differ in some details of the specification given.

**Application**

- Agriculture irrigation purpose. Suitable to lift water from well, river, pond, lake & canal.
- High Head Pumps for irrigating area at distant location.

\* This sign shows pump with ISI mark.

**Salient Features**

- Pump without Gland Packing (Dori).
- Constant water flow.
- Free from Jam & Maintenance free.
- Saving of Fuel & Easy start of engine.
- Effective suction lift.