

DOCTOR CENTRIFUGAL S-BLACK SERIES PUMPS SUITABLE FOR LISTER TYPE DIESEL ENGINE
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 4"	CD FM 4	14		58.0	56.0	56.0	56.0	53.0	50.0	45.0	38.0	24.5							
9	4" x 4"	*ES FM 4	10.5			44.0	41.0	38.5	34.0	30.0	17.0									
10	4" x 4"	ES FMH 5	15				58.3	56.6	54.0	50.9	46.3	40.7	32.9							
11	2.5" x 2.5"	CD FMA 2	6		17.5	17.0	17.0	17.0	17.0	16.0	11.0									
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	3" x 2.5"	ES FMHA 4	10.5			22.5	22.5	22.0	22.0	21.8	21.6	21.2	20.7	18.9	17.0					
15	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	12.6	10.0
16	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	22.5	18.0
17	4" x 3"	CD FMHP 6	18							46.5	45.0	43.0	41.5	40.5	39.5	38.0	36.0	33.0	28.5	22.5
18	4" x 4"	ES FMHP 7	24						55.0	54.9	54.6	54.0	53.5	52.5	51.5	49.5	47.5	45.0	41.5	35.0
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	13.3	11.8
20	4" x 3"	CD FMHPA 6	18							53.0	51.0	49.5	47.5	45.5	43.5	41.5	36.2	36.0	31.0	25.5
21	4" x 4"	ES FMHA 10	8				20.0	19.8	19.6	19.2	18.8	18	17.0	15.5	13.5					
22	4" x 4"	ES FMH 10	8		22.71	21.0	20.2	19.85	19.75	19.69	19.5	19.0	17.79	15.3	13.0					
23	2.5" X 2"	ES FMH 11	10				12.57	12.27	12.12	11.76	11.45	10.8	7.75							

DOCTOR VOLUTE TYPE S-BLACK SERIES OIL SEAL & DOUBLE BEARING COUPLE PUMP
APPROXIMATE PERFORMANCE DATA AT 1500 RPM

Sr. No.	Size in inch	Model No.	Required HP on Duty Point	DISCHARGE IN LPS	TOTAL HEAD IN METER															
					9	10	11	12	13	14	15	16	17	18						
1	3" x 2.5"	*FMDC 16	6.5							29.0	27.5	26.0	20.0	18.0	16.5					
2	4" x 4"	*FMDC 17	8		36.0	33.0	30.0	23.0	14.0											

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.

* This sign shows pump with ISI mark.