

Fig. 7171 & 7172

Horizontal Motor-Mount w/ Double Mechanical Seal & Type JM Close-Coupled Motor - Bulletin 7100-80

DEMING®

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Dry Pit Solids Handling Centrifugal Pumps

SUCTION	DISCH.	MAX IMP. DIA.	SOLIDS	DIMENSIONS IN INCHES					FIGURE	MOTOR FRAME								
				DD	X	XZ	Y	Z		142JM	213JM							
										184JM	326JM							
2	2	7 1/4	1 1/2	5 3/4	5 1/2	45	3	4 3/8	4 3/8	5 3/8								
3	3		6	3 3/8	5 3/8						4 7/8	5 7/8						
4	3		2 1/2	6 3/8	6						4 1/8	7	5 3/8	6 1/8				
4	4		3	9	8						3 1/4	5 3/4	4 1/2					
2	2	9 1/2	1 1/2	7	6 1/2	45	4 1/8	6 3/8	4 1/2	5 1/4								
3	3		6 3/4	3 3/8	6 1/8						4 3/4	5 1/4						
4	3		2	7 1/2	6 3/4						3 3/8	6 1/8	4 3/4	5 1/4				
4	4		3	8	8						4 1/8	6 5/8	5	6				
3	3		2 1/2	8 1/4	6 3/4						4 1/8	6 5/8	5	6				
4	3		3	10 1/4	10						4 3/8	7 3/8	5 1/4	6 1/4				
4	4		3	10 1/4	10						4 1/2	7 3/8	5 1/4	6 1/4				
3	3		12	2	9 3/8						8	45	4 1/8	7 3/8	5 1/4	6 1/4		
4	3			9 1/2	4 1/8						7 3/8						5 1/4	6 1/4
4	4			8	4 1/8						7 3/8						5 1/4	6 1/4
3	3	2 1/2		9 3/4	8	4 3/8	8 1/8	6	6									
4	3	8		4 3/8	8 1/8	4 3/8	8 1/8	6	6									
4	4	9 1/2		4 3/8	8 1/8	4 3/8	8 1/8	6	6									
4	4	11 1/4		12	9	4 5/8	9	6 1/4	6 1/4									
6	4	10 3/8		12	9	4 5/8	9	6 1/4	6 1/4									
6	6	11 3/4	9 1/2	9 1/2	4 5/8	9 1/2	6 1/4	6 1/4	6 1/4									
8	6	11 3/4	9 1/2	9 1/2	4 5/8	9 1/2	6 1/4	6 1/4	6 1/4	6 1/4								

FIGURE	MOTOR FRAME	DIMENSIONS IN INCHES							
		A	B	BG	D	E	F	H	L
7171	143JM	7	6	4 3/8	3 1/2	2 3/4	2	1 1/32	5
	145JM	7	6	5 3/8	3 1/2	2 3/4	2 1/2	1 1/32	5 1/2
	182JM	9	6 1/2	5 3/8	4 1/2	3 3/4	2 1/4	1 3/32	6 3/4
	184JM	9	7 1/2	6 3/8	4 1/2	3 3/4	2 3/4	1 3/32	7 1/4
7172	213JM	10 1/2	7 1/2	7 1/4	5 1/4	4 1/4	2 3/4	1 3/32	7 3/4
	215JM	10 1/2	9	8	5 1/4	4 1/4	3 1/2	1 3/32	8 1/2
	254JM	12 1/2	10 3/4	9 3/8	6 1/4	5	4 1/8	1 7/32	10 7/8
	256JM	12 1/2	12 1/2	10	6 1/4	5	5	1 7/32	11 3/4
	284JM	14	12 1/2	9 3/4	7	5 1/2	4 3/4	1 7/32	12
	286JM	14	14	10 1/2	7	5 1/2	5 1/2	1 7/32	12 3/4
	324JM	16	14	10 3/4	8	6 1/4	5 1/4	2 1/32	14
	326JM	16	15 1/2	11 1/2	8	6 1/4	6	2 1/32	14 3/4

*NO HANDHOLE COVER IN CASING

DISCHARGE CAN BE ROTATED EVERY XZ DEGREES

Customer				Shop Order No.			Date:		By:	
Pump Data	Fig. No.	Size	Curve No.	GPM	Head	Sp. Gr.	Temp.	Rotation	Packing/Seal	
Motor Data	MFGR	Hp	RPM	Phase-Cycle Voltage		Frame	Enclosure	Insulation	Furnished by	Mounted

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