

Horizontal Split Case Centrifugal Pumps

FIG.	5061					5062							5063						5064 & 5064L								
SUCTION	2	3	3	3	4	4	4	4	4	6	6	6	8	6	8	8	8	10	10	8	10	10	12	12	12	14	
DISCHARGE	1½	2	2	2	3	3	3	3	4	4	4	5	4	6	6	6	8	8	6	8	8	10	10	10	12		
MAX. IMPELLER	8	8	11	14	9	11	14	17	9	12	14½	9	17	12	14½	17	12	14½	20	17	20	12	14½	17	14½		
SOLIDS	9/32	9/32	3/8	5/16	7/16	9/16	3/8	7/16	9/16	9/16	9/16	1/2	9/16	11/16	1	1	1-1/8	1-1/8	7/8	1-1/16	1-7/16	1	1	1-1/8	1-1/8		
SHAFT DATA	DIA. AT COUPLING	7/8					1-1/8							1-1/2						1-7/8							
	DIA. AT BRG. OUTBOARD	.787					1.181							1.575						1.969							
	DIA. AT BRG. INBOARD	.875					1.181							1.575						1.969							
	DIA. AT SLEEVE	15/16					1-3/8							1-3/4						2-1/8							
	DIA. AT IMPELLER	1					1-7/16							1-7/8						2-1/4							
	MAX. HP AT PER 100 RPM	1.7					5.3							12.5						24.4							
SLEEVE O.D PACKED PUMP.	1-1/8					1-5/8							2						2-1/2								
PACKING BOX INSIDE DIA.	1-3/4					2-3/8							2-7/8						3-3/8								
PACKING BOX LENGTH	2-1/4					2-5/8							3-1/2						3-1/2								
LANTERN RING WIDTH	1/2					5/8							3/4						3/4								
PACKING	NO. OF RINGS & SIZE	Qty. 5, 5/16 SQ.					Qty. 5, 3/8 SQ.							Qty. 6, 7/16 SQ.						Qty. 6, 7/16 SQ.							
	LENGTH	4-3/4					6-9/16							7-15/16						9-1/2							
OUTBOARD BEARING	5204					5206							5208						5210								
INBOARD BEARING	2014					3206							3208						3210								
BRG. CL TO BRG. CL	14-1/8					17-1/8							20-1/2						24								
STUFFING BOX TO NEAREST OBSTRUCTION	1-1/2					1-5/8							1-5/8						1-7/8 to 2-3/8								
SUCTION WALL	5/16	5/16	3/8	3/8	5/16	3/8	7/16	7/16	3/8	3/8	1/2	7/16	5/8	9/16	9/16	5/8	9/16	5/8	5/8	5/8	11/16	5/8	11/16	11/16	11/16		
VOLUTE WALL	5/16	3/8	1/2	9/19	7/16	9/16	5/8	11/16	1/2	9/16	5/8	9/16	3/4	5/8	3/4	13/16	11/16	3/4	7/8	13/16	7/8	3/4	13/16	7/8	13/16		
MAX. LIFT CABLE	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	5/8	5/8	5/8	5/8	5/8	5/8	5/8	5/8	5/8	5/8	5/8	5/8	5/8	5/8	5/8		
WEIGHT OF BARE PUMP	117	120	165	215	175	248	300	357	240	295	350	312	565	505	570	645	620	680	855	875	980	880	1130	1225	1180		
CASING CAP. GAL.	0.87	1.2	1.7	1.8	1.9	2.88	3.8	3.96	3.4	5.0	5.2	6.3	6.4	9.3	10.4	11.3	14.1	14.9	14.6	17.2	19.4	21.6	27.2	28.2	36.7		
WR ² LB. FT ²	FULL DIA.	1.20	1.30	3.42	11.69	2.28	5.25	10.6	28.71	2.85	9.74	17.24	3.31	31.94	8.26	20.72	37.86	11.73	20.77	66.70	34.5	57.2	16.6	31.2	61.3	54.1	
	85% DIA.	0.79	0.86	2.16	7.23	1.46	3.33	6.61	17.73	1.85	6.08	10.69	2.13	20.03	5.48	13.14	23.66	7.62	13.17	41.50	21.7	35.6	10.8	19.7	38.2	33.7	
	70% DIA.	0.51	0.54	1.27	4.11	0.88	1.97	3.81	10.02	1.15	3.51	6.09	1.31	11.66	3.53	7.81	13.69	4.73	7.82	23.8	12.7	20.5	6.6	11.6	22.0	19.4	
1 st CRITICAL SPEED	FULL DIA.	9,350	9,350	7,400	5,775	8,650	8,750	7,300	7,900	10,950	7,270	7,450	10,500	7,900	9,800	7,750	6,800	8,150	7,350	7,200	8,100	7,350	9,350	8,750	6,900	8,550	
	85% DIA.	10,180	10,180	7,800	6,250	9,600	9,700	7,500	8,550	11,700	7,350	8,300	11,250	8,350	10,500	8,400	7,100	8,400	7,950	7,750	8,750	7,950	10,200	9,250	7,450	12,550	
	70% DIA.	11,400	11,400	8,850	7,100	10,650	12,300	8,000	9,350	13,300	7,900	9,300	12,000	9,350	12,000	9,300	7,650	9,300	9,350	8,400	9,600	8,900	11,400	10,850	8,300	18,770	