

Two Stage Split Case Centrifugal Pumps

MODEL		3 x 1-1/2 x 10	3 x 2 x 10	4 x 3 x 10
SUCTION		3	3	4
DISCHARGE		1-1/2	2	3
MAX. IMPELLER DIA.		10	10	10
SOLIDS		1/4	3/8	9/16
SHAFT DATA	DIA. AT COUPLING	1-1/8	1-1/8	1-3/8
	DIA. AT RADIAL BEARING	1.181	1.181	1.378
	DIA. AT SLEEVE	1-1/2	1-1/2	1-5/8
	DIA. AT IMPELLER	1-1/2	1-1/2	1-5/8
	DIA. AT STD. THRUST BEARING	1.181	1.181	1.378
	DIA. AT WATER COOLED THRUST BRG.	.984	.984	1.181
STANDARD THRUST BEARING		MRC 306 S	MRC 306 S	MRC 307 S
STANDARD RADIAL BEARING		MRC 306 S	MRC 306 S	MRC 307 S
WATER COOLED THRUST BEARING		SKF 7305 BYG	SKF 7305 BYG	SKF 7306 BYG
WATER COOLED RADIAL BEARING		MRC 5206	MRC 5206	MRC 5207
PACKING BOX - 1 ST STG	NO. OF RINGS (W / SEAL CAGE)	5	5	5
	SIZE OF PACKING (SQ)	3/8	3/8	3/8
	DEPTH OF BOX	3-1/16	3-1/16	3-1/16
	BORE OF BOX	2-1/2	2-1/2	2 13/16
	DIA. OF SLEEVE	1-3/4	1-3/4	2
	WIDTH OF SEAL CAGE	3/4	3/4	3/4
PACKING BOX - 2 ND STG	NO. OF RINGS (W / BLEED OFF BUSHING)	5	5	5
	SIZE OF PACKING (SQ.)	3/8	3/8	3/8
	DEPTH OF BOX	3-1/16	3-1/16	3-1/16
	BORE OF BOX	2-1/2	2-1/2	2-13/16
	DIA. OF SLEEVE	1-3/4	1-3/4	2
	WIDTH OF BLEED OFF BUSHING	3/4	3/4	3/4
MECHANICAL SEAL CRANE TYPE 1 (UNBALANCED 225°F MAX.)		1-3/4	1-3/4	2
BEARING SPACING		23.868	23.868	24.822
SHAFT OVERHANG		4-1/4	4-1/4	4-5/8
KEY SIZE AT COUPLING		1/4 SQ. x 2-5/8 LG.	1/4 SQ. x 2-5/8 LG.	5/16 SQ. x 2-3/4 LG.
KEY SIZE AT IMPELLERS		5/16 SQ. x 3-1/2 LG.	5/16 SQ. x 3-1/2 LG.	5/16 SQ. x 4-1/8 LG.
WEAR RING I.D.		3.762	4.262	5.014
WEAR RING INTERSTAGE DIAPHRAGM		3.762	4.262	5.013
WEAR RING AVER. DIA CLEARANCE		.013	.013	.013