



SAE Pump	Pump Mounting Data [in]					SAE Pump Shaft Data [in] 1)					
	Dia. D	2 Bolt Pattern K	M	4 Bolt Pattern S	N	Straight Shaft		Splined Shaft			
						Diameter	Keyway	Major Dia.	Teeth	Dia. Pitch	Pres. Angle
A	3.25	4.188	3/8-16	--	--	0.625	0.156	0.625	9	16/32	30°
						--	--	0.750	11	16/32	30°
B	4.00	5.750	1/2-13	5.000	1/2-13	0.875	0.187	0.875	13	16/32	30°
B-B	4.00	5.750	1/2-13	5.000	1/2-13	1.000	0.250	1.000	15	16/32	30°
						--	--	1.250	19	16/32	30°
C	5.00	7.125	5/8-11	6.375	1/2-13	1.250	0.313	1.250	14	12/24	30°
						--	--	1.375	21	16/32	30°
C-C	5.00	7.125	5/8-11	6.375	1/2-13	1.500	0.375	1.500	17	12/24	30°
D	6.00	9.000	3/4-10	9.000	3/4-10	1.750	0.438	1.750	13	8/16	30°
E	6.50	12.500	1-8	12.500	3/4-10	1.750	0.438	1.750	13	8/16	30°
F	7.00	13.781	1-8	13.781	1-8	--	--	2.000	15	8/16	30°

1) BoWex® hubs are broached to fit ANSI B92 .1 class 5 splined shafts.

SAE Housing Size	SAE Pump Mounting Plate [in]									
	Housing Pilot A	Outside Diameter B	Bolt Circle C	Number of Holes Z	Hole Diameter d	Flat Plate		Curved Plate		
						L _F	Available Pump Pilots	L _F	Available Pump Pilots	
1 ¹⁾	20.125	21.750	20.875	12	0.47	0.75	D-E-F	1.97	D-E	
2	17.625	19.250	18.375	12	0.43	0.62	C-D-E	1.97	D-E	
3	16.125	17.750	16.875	12	0.43	0.37	B-C-D	----	----	
4 ²⁾	14.250	15.875	15.000	12	0.43	0.37	A-B-C	1.38	A-B-C	
5	12.375	14.000	13.125	8	0.43	0.37	A-B-C	----	----	
6	10.500	12.125	11.250	8	0.43	0.37	A-B	----	----	

1) SAE #1 flat plates are available with SAE "F" pump pilot. Please consult KTR Corporation for details.

2) SAE #4 curved plates are available in cast iron and aluminum.

• SAE Flat Plates come with zinc dichromate plating standard. (Special bracket mount machining available.)