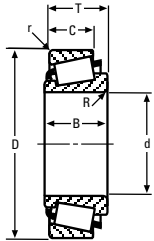
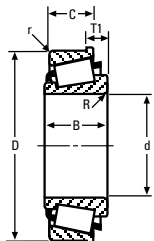


22000 – 24700 SERIES

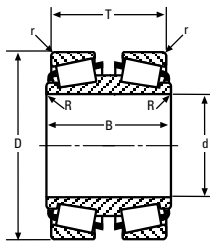
4



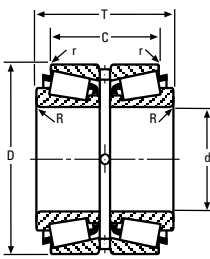
SINGLE ROW



SINGLE ROW WITH FLANGE



DOUBLE CONE



DOUBLE CUP

CONE				Max Shaft Fillet Radii R ①	Weight	CUP			Max Hs'ng Fillet Radii r ①	Weight	BEARING	Remarks
Number	BORE d	WIDTH B	Number			OUTSIDE DIA D	WIDTH C	WIDTH T				
22000 Series (cont)												
22168	42.862 1.6875	19.837 .7810	2.3 .09	.27 kg .59 lb	22325	82.550 3.2500	15.080 .5937	1.5 .06	.18 kg .39 lb	19.842 .7812	22168DE: EXTENDED SMALL RIB	
					*22325D	82.550 3.2500	34.925 1.3750	.8 .03	.46 kg 1.01 lb	44.450 1.7500	22168DEE: EXTENDED SMALL RIB	
											22325D: GROOVE IN OD CENTER HOLES IN OD CENTER	
NA22171	43.658 1.7188	22.225 .8750	2.3 .09	- -	*22325D	82.550 3.2500	34.925 1.3750	.8 .03	.46 kg 1.01 lb	44.450 1.7500		
JP22000 Series												
*†JP22049E	SEE HYDRA-RIB BEARING SECTION				*†JP22019HR	SEE HYDRA-RIB BEARING SECTION						
L22300 Series												
*†JL22349	22.000 .8661	14.400 .5669	.8 .03	.05 kg .11 lb	†JL22310	41.000 1.6142	11.400 .4488	.8 .03	.03 kg .07 lb	14.400 .5669	JL22349: FRONTFACE CHAMFER	
*†JL22349F	22.000 .8661	14.400 .5669	.8 .03	- -							JL22349F: FRONTFACE CHAMFER	
22700 Series												
22778	41.275 1.6250	26.988 1.0625	3.5 .14	.43 kg .94 lb	22720	82.550 3.2500	20.638 .8125	3.3 .13	.22 kg .48 lb	26.195 1.0313		
22780	42.862 1.6875	26.988 1.0625	3.5 .14	.40 kg .89 lb	22721	82.550 3.2500	20.638 .8125	.8 .03	.23 kg .50 lb	26.195 1.0313		
23000 Series												
23092	23.812 .9375	21.463 .8450	1.5 .06	.23 kg .51 lb	23250X	63.500 2.5000	14.681 .5780	2.3 .09	.11 kg .24 lb	21.691 .8540	23256-B: FLANGE ON OD FRONTFACE, BEARING WIDTH IS T1 DIMENSION	
23098-S	25.000 .9843	21.463 .8450	2.0 .08	.22 kg .49 lb	23255X	65.000 2.5591	15.875 .6250	2.0 .08	.14 kg .30 lb	22.225 .8750		
23100	25.400 1.0000	21.463 .8450	1.5 .06	.22 kg .49 lb	*23256-B	65.088 2.5625	15.875 .6250	1.5 .06	.16 kg .35 lb	10.320 .4063		
					23256	65.088 2.5625	15.875 .6250	1.5 .06	.14 kg .31 lb	22.225 .8750		
23101X	25.400 1.0000	20.650 .8130	2.3 .09	.21 kg .46 lb	23101X may be paired with all single cups corresponding to 23092 and will require -1.054 mm (-.0415 in) to be added to the T-width values.							
23400 Series												
23491	31.750 1.2500	26.988 1.0625	1.5 .06	.32 kg .71 lb	23420	68.262 2.6875	22.225 .8750	1.5 .06	.17 kg .37 lb	26.987 1.0625		
23600 Series												
*23685	31.750 1.2500	26.975 1.0620	3.5 .14	.34 kg .75 lb	23620	73.025 2.8750	22.225 .8750	1.5 .06	.21 kg .47 lb	26.988 1.0625	23685: BROKEN FRONTFACE ID	
*23690	34.925 1.3750	26.975 1.0620	3.5 .14	.31 kg .67 lb	23621	73.025 2.8750	22.225 .8750	.8 .03	.21 kg .47 lb	26.988 1.0625	23690: BROKEN FRONTFACE ID	
*23691	35.000 1.3780	26.975 1.0620	3.5 .14	.31 kg .67 lb							23691: BROKEN FRONTFACE ID	
23700 Series												
23790	34.925 1.3750	26.988 1.0625	3.5 .14	.32 kg .70 lb	23720	73.025 2.8750	22.225 .8750	1.5 .06	.20 kg .44 lb	26.988 1.0625		
24000 Series												
24112	28.575 1.1250	18.974 .7470	1.5 .06	.19 kg .42 lb	24261	66.421 2.6150	15.875 .6250	1.5 .06	.12 kg .27 lb	19.052 .7501	24262D: GROOVE IN OD CENTER HOLES IN OD CENTER	
24118	30.162 1.1875	18.974 .7470	1.5 .06	.18 kg .40 lb	*24262D	66.421 2.6150	38.100 1.5000	.8 .03	.31 kg .69 lb	44.453 1.7501		
JP24000 Series												
*†JP24049	240.000 9.4488	39.000 1.5354	3.0 .12	6.09 kg 13.44 lb	†JP24010	320.000 12.5984	30.000 1.1811	3.0 .12	2.15 kg 4.74 lb	42.000 1.6535	JP24049: FRONTFACE CHAMFER	
24700 Series												
*NA24775-SW	38.100 1.5000	29.367 1.1562	spcl. spcl.	.74 kg 1.64 lb	*24720D	76.200 3.0000	39.688 1.5625	.8 .03	.37 kg .83 lb	58.735 2.3124	NA24775-SW: BACKFACE CHAMFER EXTENDED LARGE RIB FRONTFACE CHAMFER SLOTS IN FRONTFACE	
*NA24776-SW	38.100 1.5000	29.367 1.1562	.8 .03	.78 kg 1.73 lb	*24720DC	76.200 3.0000	39.688 1.5625	.8 .03	.37 kg .83 lb	58.735 2.3124		
					24720XD	76.200 3.0000	39.688 1.5625	.8 .03	.36 kg .79 lb	58.735 2.3124	NA24776-SW: EXTENDED LARGE RIB FRONTFACE CHAMFER SLOTS IN FRONTFACE	
					*T70124	101.600 4.0000	57.150 2.2500	6.0 .24	1.73 kg 3.81 lb	58.735 2.3124		

24700 SERIES CONTINUED ON NEXT PAGE

①These Maximum Fillet Radii will be cleared by the Cone or Cup Radii.
†Bore or O.D. shown are maximum dimensions. *See Remarks Column.