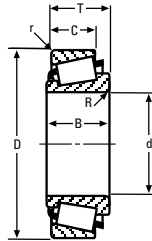
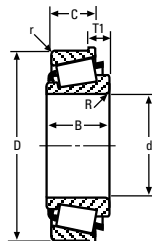


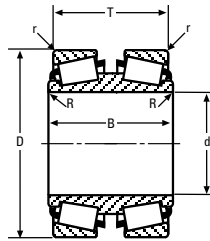
820000 – 833000 SERIES



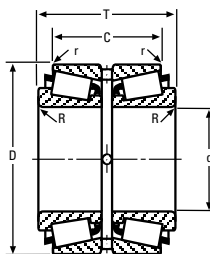
SINGLE ROW



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 WIDTH T	Remarks
Number	BORE d	WIDTH B			Number	OUTSIDE DIA D	WIDTH C				
820000 Series											
EE820085	215.900 8.5000	93.662 3.6875	6.4 .25	-	*820160-B	406.400 16.0000	69.850 2.7500	6.4 .25	18.82 kg 41.50 lb	41.275 1.6250	EE820086: BROKEN FRONTFACE ID HOLES IN FRONTFACE NO SMALL RIB
*EE820086	215.900 8.5000	80.592 3.1729	6.4 .25	34.20 kg 75.40 lb	*820161CD	406.400 16.0000	147.638 5.8125	1.5 .06	35.69 kg 78.70 lb	195.263 7.6875	820160-B : FLANGE ON OD FRONTFACE, BEARING WIDTH IS T1 DIMENSION 820161CD : GROOVE IN OD CENTER HOLES IN OD CENTER
LM820000 Series											
†JL820048	100.000 3.9370	30.000 1.1811	2.3 .09	1.14 kg 2.52 lb	†JLM820012	150.000 5.9055	26.000 1.0236	2.3 .09	.67 kg 1.47 lb	32.000 1.2598	
XR820000 Series											
SEE CROSSED ROLLER BEARING SECTION											
821000 Series											
EE821096D	241.300 9.5000	174.625 6.8750	3.3 .13	-	821165	419.100 16.5000	71.438 2.8125	6.4 .25	16.04 kg 35.36 lb	177.800 7.0000	
HM821500 Series											
HM821547	99.979 3.9362	46.038 1.8125	3.5 .14	8.57 kg 18.89 lb	*HM821511D	196.850 7.7500	74.422 2.9300	1.5 .06	4.31 kg 9.51 lb	103.378 4.0700	HM821511D : GROOVE IN OD CENTER HOLES IN OD CENTER
822000 Series											
EE822100	254.000 10.0000	73.025 2.8750	6.4 .25	-	822175	444.500 17.5000	50.800 2.0000	6.4 .25	13.08 kg 28.84 lb	76.200 3.0000	EE822100X: SHOULDER ON OD FRONTFACE SPECIAL BACKFACE RADIUS SPECIAL FRONTFACE RADIUS
*EE822100X	254.000 10.0000	76.200 3.0000	6.4 .25	-	*822176DC	444.500 17.5000	114.300 4.5000	1.5 .06	30.14 kg 66.45 lb	165.100 6.5000	822176CD : GROOVE IN OD CENTER HOLES IN OD CENTER
					*822176D	444.500 17.5000	114.300 4.5000	1.5 .06	30.14 kg 66.45 lb	165.100 6.5000	822176D : GROOVE IN OD CENTER HOLES IN OD CENTER
					*822176CD	444.500 17.5000	114.300 4.5000	1.5 .06	29.23 kg 64.46 lb	165.100 6.5000	822176D : GROOVE IN OD CENTER HOLES IN OD CENTER
EE822101D	254.000 10.0000	133.350 5.2500	3.3 .13	-	822175	444.500 17.5000	50.800 2.0000	6.4 .25	13.08 kg 28.84 lb	133.350 5.2500	822176DC : HOLES IN OD CENTER
M822000 Series											
†JM822049	110.000 4.3307	35.000 1.3780	3.0 .12	1.63 kg 3.58 lb	†JM822010	165.000 6.4961	26.500 1.0433	2.5 .10	.83 kg 1.84 lb	35.000 1.3780	
†JM822049H	110.000 4.3307	35.000 1.3780	3.0 .12	1.64 kg 3.61 lb							
823000 Series											
EE823103D	260.350 10.2500	196.850 7.7500	6.4 .25	-	823175	444.500 17.5000	73.025 2.8750	3.3 .13	19.50 kg 43.00 lb	196.850 7.7500	
824000 Series											
*NA824102W	260.147 10.2420	66.279 2.6094	1.5 .06	-	*824163XD	412.852 16.2540	91.283 3.5938	3.2 .12	15.77 kg 34.78 lb	132.558 5.2188	NA824102W: SLOTS IN FRONTFACE SPECIAL BACKFACE RADIUS SPECIAL FRONTFACE RADIUS 824163XD : SPECIAL RADIUS ON LEFTFACE OD SPECIAL RADIUS ON RIGHTFACE OD
L826900 Series											
L826949	133.350 5.2500	25.400 1.0000	3.3 .13	1.25 kg 2.75 lb	*L826914-B	184.150 7.2500	18.258 .7188	3.3 .13	.71 kg 1.56 lb	11.905 .4687	L826914-B : FLANGE ON OD FRONTFACE, BEARING WIDTH IS T1 DIMENSION
					L826914	184.150 7.2500	18.258 .7188	3.3 .13	.63 kg 1.38 lb	25.400 1.0000	
HM828400 Series											
*†JHM828449V	140.000 5.5118	55.000 2.1654	3.5 .14	5.23 kg 11.53 lb	*†JHM828410V	220.000 8.6614	42.500 1.6732	3.5 .14	2.34 kg 5.17 lb	55.000 2.1654	JHM828449V: MADE FROM VACUUM MELT STEEL JHM828410V : MADE FROM VACUUM MELT STEEL
LL829600 Series											
LL829648NA	147.587 5.8105	18.131 .7138	2.3 .09	-	*LL829611D	180.924 7.1230	26.988 1.0625	.8 .03	.56 kg 1.24 lb	36.261 1.4276	LL829611D : GROOVE IN OD CENTER HOLES IN OD CENTER
833000 Series											
*EE833157DW	400.050 15.7500	193.675 7.6250	3.3 .13	-	833232	590.550 23.2500	80.962 3.1875	6.4 .25	26.66 kg 58.78 lb	193.674 7.6250	EE833157DW: KEYWAY IN ID 833233D : GROOVE IN OD CENTER HOLES IN OD CENTER
EE833161XD	406.400 16.0000	193.675 7.6250	3.3 .13	-							

833000 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.