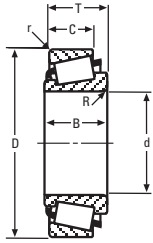
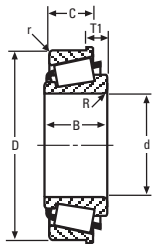


HM220100 – HH221400 SERIES

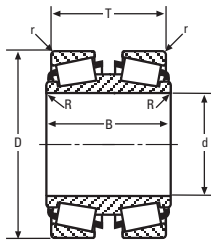
CONE			Max Shaft Fillet Radii R ①	Weight	CUP			Max Hs'ng Fillet Radii r ①	Weight	BEARING WIDTH T	Remarks
Number	BORE d	WIDTH B			Number	OUTSIDE DIA D	WIDTH C				
HM220100 Series											
*HM220145	99.974 3.9360	52.500 2.0669	8.0 .31	2.16 kg 4.76 lb	HM220110	156.975 6.1801	34.000 1.3386	3.5 .14	.86 kg 1.89 lb	42.000 1.6535	HM220145: EXTENDED SMALL RIB
HM220149	99.974 3.9360	42.000 1.6535	8.0 .31	1.96 kg 4.33 lb	HM220110-Z	156.975 6.1801	34.000 1.3386	3.5 .14	.89 kg 1.95 lb	42.000 1.6535	
HM220149-Z	99.974 3.9360	42.000 1.6535	8.0 .31	1.96 kg 4.33 lb							
EH220700 Series											
EH220749	95.250 3.7500	73.025 2.8750	3.3 .13	7.19 kg 15.85 lb	EH220710	200.025 7.8750	58.738 2.3125	3.3 .13	3.45 kg 7.61 lb	73.025 2.8750	
HH221400 Series											
HH221430	76.200 3.0000	57.531 2.2650	3.5 .14	6.65 kg 14.66 lb	HH221410	190.500 7.5000	46.038 1.8125	3.3 .13	2.21 kg 4.88 lb	57.150 2.2500	HH221430V: MADE FROM VACUUM MELT STEEL
*HH221430V	76.200 3.0000	57.531 2.2650	3.5 .14	6.65 kg 14.66 lb	*HH221410-B	190.500 7.5000	46.038 1.8125	3.3 .13	2.48 kg 5.46 lb	22.225 .8750	JHH221437P: EXTENDED LARGE RIB
HH221431	79.375 3.1250	57.531 2.2650	3.5 .14	6.48 kg 14.28 lb	*HH221410D	190.500 7.5000	104.775 4.1250	1.5 .06	5.28 kg 11.65 lb	127.000 5.0000	HH221449NW: SLOTS IN FRONTFACE HH221449TD: ASYMMETRICAL BEARING REVERSE TAPERED BORE
HH221432	87.312 3.4375	57.531 2.2650	8.0 .31	5.95 kg 13.12 lb	*HH221410DC	190.500 7.5000	104.775 4.1250	1.5 .06	5.28 kg 11.65 lb	127.000 5.0000	HH221449XX: MADE FROM VACUUM MELT STEEL
HH221434	88.900 3.5000	57.531 2.2650	8.0 .31	5.85 kg 12.90 lb	*HH221410XX	190.500 7.5000	46.038 1.8125	3.3 .13	2.21 kg 4.88 lb	57.150 2.2500	HH221410-B : FLANGE ON OD FRONTFACE, BEARING WIDTH IS T1 DIMENSION
†JHH221436	90.000 3.5433	57.531 2.2650	8.0 .31	5.78 kg 12.74 lb	HH221411	190.500 7.5000	46.038 1.8125	3.3 .13	2.22 kg 4.90 lb	57.150 2.2500	
HH221438	92.075 3.6250	57.531 2.2650	8.0 .31	5.64 kg 12.45 lb	†JHH221413	190.000 7.4803	46.038 1.8125	3.3 .13	2.16 kg 4.76 lb	57.150 2.2500	HH221410D : GROOVE IN OD CENTER HOLES IN OD CENTER
HH221440	95.250 3.7500	57.531 2.2650	8.0 .31	5.43 kg 11.98 lb	†JHH221414P	190.000 7.4803	48.500 1.9094	3.0 .12	2.35 kg 5.19 lb	59.544 2.3443	HH221410DC : HOLES IN OD CENTER
HH221442	98.425 3.8750	57.531 2.2650	3.5 .14	5.28 kg 11.63 lb	HH221416	200.025 7.8750	50.800 2.0000	3.3 .13	3.72 kg 8.19 lb	61.912 2.4375	HH221410XX : MADE FROM VACUUM MELT STEEL
HH221447	99.982 3.9363	57.531 2.2650	6.4 .25	5.13 kg 11.31 lb							
HH221449	101.600 4.0000	57.531 2.2650	8.0 .31	4.99 kg 10.99 lb							
HH221449A	101.600 4.0000	57.531 2.2650	3.5 .14	5.05 kg 11.14 lb							
*HH221449XX	101.600 4.0000	57.531 2.2650	8.0 .31	4.99 kg 10.99 lb							
HH221440D	95.250 3.7500	127.000 5.0000	6.4 .25	12.38 kg 27.30 lb	HH221410	190.500 7.5000	46.038 1.8125	3.3 .13	2.21 kg 4.88 lb	117.475 4.6250	
*HH221449TD	101.600 4.0000	127.000 5.0000	.8 .03	12.22 kg 26.95 lb	*HH221410XX	190.500 7.5000	46.038 1.8125	3.3 .13	2.21 kg 4.88 lb	117.475 4.6250	
					HH221411	190.500 7.5000	46.038 1.8125	3.3 .13	2.22 kg 4.90 lb	117.475 4.6250	
					†JHH221413	190.000 7.4803	46.038 1.8125	3.3 .13	2.16 kg 4.76 lb	117.475 4.6250	
					†JHH221414P	190.000 7.4803	48.500 1.9094	3.0 .12	2.35 kg 5.19 lb	122.240 4.8126	
					HH221416	200.025 7.8750	50.800 2.0000	3.3 .13	3.72 kg 8.19 lb	127.000 5.0000	
HH221449NA	101.600 4.0000	63.500 2.5000	3.5 .14	10.36 kg 22.85 lb	*HH221410D	190.500 7.5000	104.775 4.1250	1.5 .06	5.28 kg 11.65 lb	127.000 5.0000	
					*HH221410DC	190.500 7.5000	104.775 4.1250	1.5 .06	5.28 kg 11.65 lb	127.000 5.0000	
					K326068	260.350 10.2500	133.350 5.2500	3.3 .13	31.27 kg 68.95 lb	127.000 5.0000	
HH221435	89.980 3.5425	63.924 2.5167	4.0 .16	6.29 kg 13.86 lb	HH221435 may be paired with all single cups corresponding to HH221430 and will require 6.469 mm (.2547 in) to be added to the T-width values. HH221435 may be paired with all double cups corresponding to HH221430 and will require 12.939 mm (.5094 in) to be added to the T-width values.						



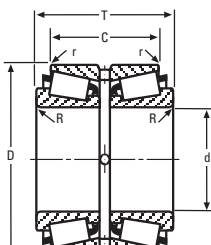
SINGLE ROW



SINGLE ROW WITH FLANGE



DOUBLE CONE



DOUBLE CUP

HH221400 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.