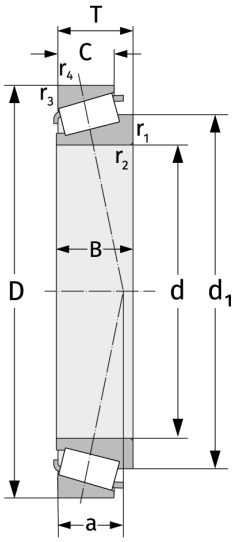
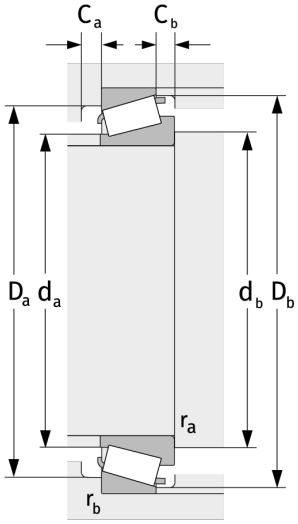
30326

Tapered Roller Bearings (single row, metric)

Details:

Main dimensions			
d [mm]	130	B [mm]	58
D [mm]	280	d_1 [mm]	≈ 194
T [mm]	63.75	$r_{1,2}$ [mm]	5
Weight [kg]	≈ 16.8	$r_{3,4}$ [mm]	4
C [mm]	49	a [mm]	≈ 50.3





Mating dimensions		Calculation data	
$d_{a, max}$ [mm]	164	C [kN]	635
$d_{b, min}$ [mm]	148	C_0 [kN]	790
$D_{a, min}$ [mm]	239	C_u [kN]	77.6
$D_{a, max}$ [mm]	262	n_{th} [min^{-1}]	1975
$D_{b, min}$ [mm]	255	n_g [min^{-1}]	2600
$C_{a, min}$ [mm]	8	e	0,35
$C_{b, min}$ [mm]	14.5	Y	1,74
$r_{a, max}$ [mm]	5	Y_0	0,96
$r_{b, max}$ [mm]	4		