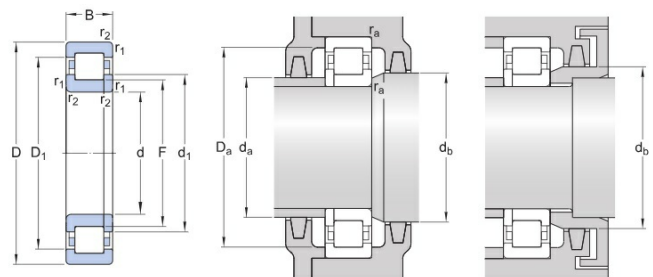


NUP 1876 ECM



Technical sheet of NUP 1876 ECM

Type :	Single row cylindrical roller bearings	
Model :	NUP 1876 ECM	
Main demensions :	380 mm × 480 mm × 46 mm	Bore Dia × Outside Dia × Width Dia
M kg:	23	Mass
HS Code :	8482500090	Bearing customs code
d mm:	380	inner ring diameter
D mm:	480	Outer ring diameter
B(T) mm:	46	Overall Width
Cr kN:	537.525	Radial dynamic load rating
C0r kN:	1059.118	Radial static load rating
Grease r/min:	1263	Reference speed
Oil r/min:	1288	Limiting speed

Detailed parameters and installation dimensions:

Part Number	NUP 1876 ECM
Cage	M = Machined brass cage, roller centred
Units	Metric
Series	NUP18 series (NUP18..ECM)

Speed ratings (grease) - n_B	1263 min ⁻¹
Speed ratings (oil) - n_G	1288 min ⁻¹
Seal	Open
Rows NO.	One
Bore Type	Cylindrical bore
Dimension Inside - $d \phi$	380 mm 14.961 inch
Accuracy class	PN
RIC	CN
Calculation coefficient - k_r	0.05
Limiting value - e	0.2
Calculation coefficient - Y	0.6
Heat stabilized	150 °C(300 °F)
Dimension Outside - $D \phi$	480 mm 18.898 inch
Dimension Width - B	46 mm 1.811 inch
Design type	NUP = have two integral flanges on the outer ring and one integral flange and one non-integral flange
Internal design	EC = Optimized internal design
Radial Dynamic Capacity - C_r	537525 N 120835 lbf
Dimension - d_1	414 mm 16.299 inch
Dimension - D_1	448 mm 17.638 inch
Radial Static Capacity - C_{Or}	1059118 N 238089 lbf
Bearing part	Complete
Axial displacement capability	No
Fatigue load limit - P_u	85940 N 19319 lbf
Manufacturer Part Code	NUP1876ECM
Bearing Type	Single row NUP design, cylindrical roller bearing
Dimension - r_1, r_2 (min.)	2.1
Dimension - F	406 mm 15.984 inch
Ring	outer ring(2), inner ring(1)
Flange	Inner ring loose flange
Ring Material	GCr15SiMn
Mounting dimensions housing - D_a max	470 mm 18.504 inch
Fillet radius - r_a max	2 mm 0.079 inch
Mounting dimensions spacer sleeve - d_a min.	390 mm 15.354 inch
Roller Material	GCr15SiMn
External design	No
Mounting dimensions shaft - d_b min.	420 mm 16.535 inch
Coating	No
Lubricant	No
Relubrication	No

Tradebearing(TBS) - Bearing Enquiry: <https://en.tradebearings.com/>

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