



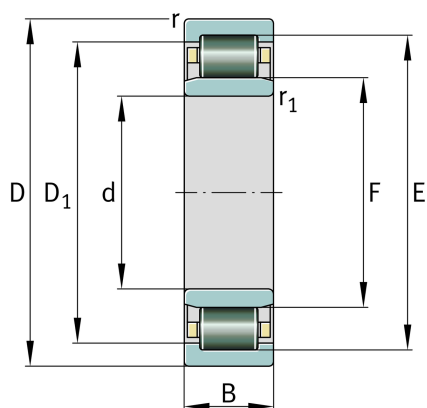
FAG

**NU2256-E-TB-M1**

Cylindrical roller bearing

Schaeffler ID:  
0797705840000Cylindrical roller bearing NU20..-E-XL-M1,  
with cage, single row, non-locating bearing,  
2 ribs on outer ring, 0 ribs on inner ring  
(smooth), type NU

## Technical information

**Main Dimensions & Performance Data**

d	280 mm	Bore diameter
D	500 mm	Outside diameter
B	130 mm	Width
$C_r$	2.270.000 N	Basic dynamic load rating, radial
$C_{0r}$	3.600.000 N	Basic static load rating, radial
$C_{ur}$	370.000 N	Fatigue load limit, radial
$n_G$	1.980 1/min	Limiting speed
$n_{gr}$	720 1/min	Reference speed
	112,82 kg	Weight

**Dimensions**

$r_{min}$	5 mm	Minimum chamfer dimension
$r_{1 min}$	5 mm	Minimum chamfer dimension
s	10,5 mm	Axial displacement
E	453 mm	Raceway diameter outer ring
F	333 mm	Raceway diameter inner ring
$D_{1 min}$	429 mm	Minimum rib diameter outer ring

**Mounting dimensions**

$d_{a min}$	300 mm	Minimum diameter shaft shoulder
$d_{a max}$	330 mm	Maximum diameter of shaft shoulder
$d_{b min}$	336 mm	Minimum shaft shoulder
$D_{a max}$	480 mm	Maximum diameter of housing shoulder
$r_{a max}$	4 mm	Maximum recess radius
$r_{a1 max}$	4 mm	Maximum recess radius

**Temperature range**

$T_{min}$	-30 °C	Operating temperature min.
$T_{max}$	150 °C	Operating temperature max.