

**FAG****NU215-E-XL-TVP2**

Cylindrical roller bearing

Schaeffler ID:  
0167379460000Cylindrical roller bearing NU...-E-XL-TVP2,  
with cage, single row, non-locating bearing,  
2 ribs on outer ring, 0 ribs on inner ring  
(smooth), type NU**X-life**

## Technical information

**Main Dimensions & Performance Data**

d	75 mm	Bore diameter
D	130 mm	Outside diameter
B	25 mm	Width
C <sub>r</sub>	155.000 N	Basic dynamic load rating, radial
C <sub>0r</sub>	157.000 N	Basic static load rating, radial
C <sub>ur</sub>	22.200 N	Fatigue load limit, radial
n <sub>G</sub>	7.500 1/min	Limiting speed
n <sub>gr</sub>	4.400 1/min	Reference speed
	1,25 kg	Weight

**Dimensions**

r <sub>min</sub>	1,5 mm	Minimum chamfer dimension
r <sub>1 min</sub>	1,5 mm	Minimum chamfer dimension
s	1,2 mm	Axial displacement
E	118,5 mm	Raceway diameter outer ring
F	88,5 mm	Raceway diameter inner ring
D <sub>1 min</sub>	114,4 mm	Minimum rib diameter outer ring

**Mounting dimensions**

d <sub>a min</sub>	84 mm	Minimum diameter shaft shoulder
d <sub>a max</sub>	87 mm	Maximum diameter of shaft shoulder
d <sub>b min</sub>	90 mm	Minimum shaft shoulder
D <sub>a max</sub>	121 mm	Maximum diameter of housing shoulder
r <sub>a max</sub>	1,5 mm	Maximum recess radius
r <sub>a1 max</sub>	1,5 mm	Maximum recess radius

**Temperature range**

T <sub>min</sub>	-30 °C	Operating temperature min.
T <sub>max</sub>	120 °C	Operating temperature max.