



**Bearing No. YSPAG 205-100**

D	52 mm
d	25.4 mm
C	15 mm
Size (mm)	52x25.4x33
Width (mm)	33
Mass bearing	0.18 kg
d <sub>2</sub>	41.7 mm
B <sub>1</sub>	33 mm
d <sub>1</sub>	33.74 mm
B <sub>1</sub>	33.2 mm
s <sub>1</sub>	21 mm
s <sub>1</sub>	21.2 mm
d <sub>2</sub>	41.7 mm
Limiting speed	1500 r/min
Bearing number	YSPAG 205-100
Bore Diameter (mm)	52
Outer Diameter (mm)	25,4
Mass complete bearing	0.18 kg
d <sub>1</sub> ?	33.74 mm
Thread - G <sub>2</sub>	M5
Basic dynamic load rating C	14 kN
Limiting speed <sup>1)</sup>	1500 r/min
Basic dynamic load rating - C	14 kN
Thread grub screw G <sub>2</sub>	M5
Calculation factor f <sub>0</sub>	14
Fatigue load limit P <sub>u</sub>	0.335 kN
Calculation factor - f <sub>0</sub>	14
Fatigue load limit - P <sub>u</sub>	0.335 kN

Hexagonal key size for grub screw N	2.54 mm
Hexagonal key size for grub screw - H	2.5 mm
Basic static load rating $C_0$	7.8 kN
Basic static load rating - $C_0$	7.8 kN
Recommended tightening torque for grub screw	4.2 N·m