



Bearing No. YELAG 205-100

B	34.9 mm
d	25.4 mm
D	52 mm
C	15 mm
Size (mm)	52x25.4x44.4
Width (mm)	44,4
Mass bearing	0.23 kg
s <sub>1</sub>	26.9 mm
B <sub>4</sub>	4.75 mm
d <sub>2</sub>	37.4 mm
B <sub>1</sub>	44.4 mm
s <sub>1</sub>	26.9 mm
B <sub>4</sub>	4.75 mm
d <sub>2</sub>	37.4 mm
B <sub>1</sub>	44.4 mm
d <sub>1</sub>	33.74 mm
Bearing number	YELAG 205-100
Bore Diameter (mm)	52
Outer Diameter (mm)	25,4
r <sub>1,2</sub> min.	0.6 mm
d <sub>1</sub> ?	33.74 mm
Mass complete bearing	0.23 kg
r <sub>1,2</sub> - min.	0.6 mm
Limiting speed <sup>1)</sup>	1500 r/min
Basic dynamic load rating C	14 kN
Basic dynamic load rating - C	14 kN
Thread grub screw G <sub>2</sub>	1/4-28 UNF
Calculation factor f <sub>0</sub>	14

Fatigue load limit $P_u$	0.335 kN
Calculation factor - $f_0$	14
Fatigue load limit - $P_u$	0.335 kN
Thread - $G_2 - 1/4-28$ UNF	1/428 UNF
Hexagonal key size for grub screw N	3.175 mm
Hexagonal key size for grub screw - H	3.175 mm
Basic static load rating $C_0$	7.8 kN
Limiting speed with shaft tolerance h6	1500 r/min
Basic static load rating - $C_0$	7.8 kN
Recommended tightening torque for grub screw	4 N·m