



Untyred wheels can carry high loads with low rolling resistance when used on a hard surface such as flat steel. On softer surfaces, such as concrete or tarmac, the surface is likely to be worn or indented by the use of an untyred wheel. Untyred wheels are noisier in operation than tyred wheels, but noise is unlikely to be a problem at walking speeds.

MATERIAL: Cast iron to BS1452: 1977: Grade 200.

OPERATING TEMPERATURE RANGE:

- Plain bored or keywayed wheels – 30°C to 250°C
- Ball or taper roller bearinged wheels – 30°C to 120°C

Alternative bore/bearing diameters and alternative bearing types (i.e. bronze bushes, self-lubricating bushes, roller bearings, spherical roller bearings, etc.) are available to order – see page 26-27.

For wheels of larger diameter or greater load capacity see the CFT series (pages 48 & 49) and SFT series (pages 45-47).

For technical information covering load factors, inertial and rolling resistance, coefficients of friction between wheel and track, and keyway dimensions, see "Design Data" Index on page 20.

Drawings show grease nipple but standard wheels do not come with grease nipple unless specifically requested.

CAST IRON UNTYRED

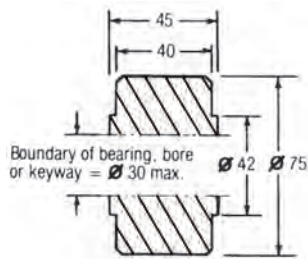
WHEEL TYPE:
C75/40

See table for full part number

Maximum load rating:
400Kg

See page 23-26 for load factors

Approximate weight: 0.75Kg



Wheels fitted with ball journals are pre-lubricated, double shielded

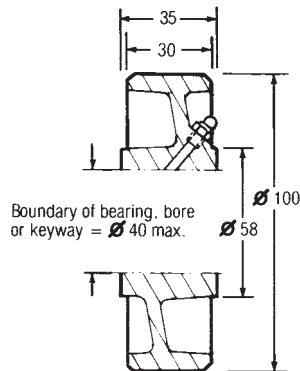
WHEEL TYPE:
C100/30

See table for full part number

Maximum load rating:
400Kg

See page 23-26 for load factors

Approximate weight: 1Kg



FULL PART NUMBER FOR ORDERING

Axle Ø	Plain Bore	Plain Bore Keywayed	Ball Bearing	Taper Roller Bearing
METRIC AXLE Ø				
12	C75/40/PBM 12	C75/40/KM 12	C75/40/BJM 12	
20	C75/40/PBM 20	C75/40/KM 20		
25	C75/40/PBM 25	C75/40/KM 25		

METRIC AXLE Ø				
20	C100/30/PBM 20	C100/30/KM 20	C100/30/BJM 20	
25	C100/30/PBM 25	C100/30/KM 25		
30	C100/30/PBM 30	C100/30/KM 30		

Cast Iron Untyred Wheels



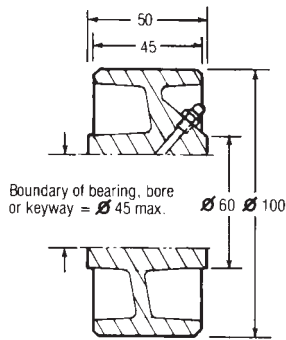
WHEEL TYPE: C100/45

See table for full part number

Maximum load rating:
600Kg

See page 23-26 for load factors

Approximate weight: **1.5Kg**



FULL PART NUMBER FOR ORDERING

Axle Ø	Plain Bore	Plain Bore Keywayed	Ball Bearing	Taper Roller Bearing
METRIC AXLE Ø				
25	C100/45/PBM 25	C100/45/KM 25	C100/45/BJM 25	
30	C100/45/PBM 30	C100/45/KM 30		

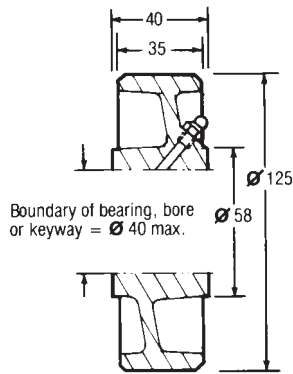
WHEEL TYPE: C125/35

See table for full part number

Maximum load rating:
550Kg

See page 23-26 for load factors

Approximate weight: **1.5Kg**



METRIC AXLE Ø

20	C125/35/PBM 20	C125/35/KM 20	C125/35/BJM 20	
25	C125/35/PBM 25	C125/35/KM 25		
30	C125/35/PBM 30	C125/35/KM 30		

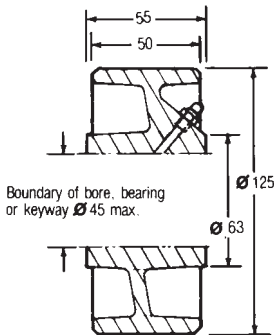
WHEEL TYPE: C125/50

See table for full part number

Maximum load rating:
800Kg

See page 23-26 for load factors

Approximate weight: **2.5Kg**



METRIC AXLE Ø

25	C125/50/PBM 25	C125/50/KM 25	C125/50/BJM 25	
30	C125/50/PBM 30	C125/50/KM 30		

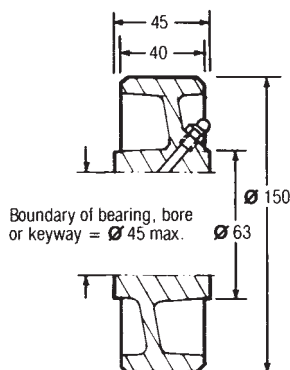
WHEEL TYPE: C150/40

See table for full part number

Maximum load rating:
800Kg

See page 23-26 for load factors

Approximate weight: **2.5Kg**



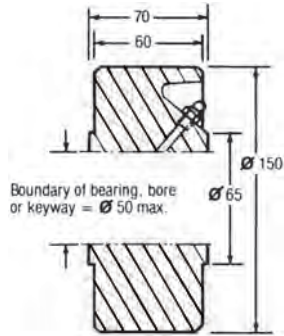
METRIC AXLE Ø

25	C150/40/PBM 25	C150/40/KM 25	C150/40/BJM 25	
30	C150/40/PBM 30	C150/40/KM 30		

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WHEEL TYPE:
C150/60
See table for full part number

Maximum load rating:
1200Kg
See page 23-26 for load factors
Approximate weight: 3.5Kg

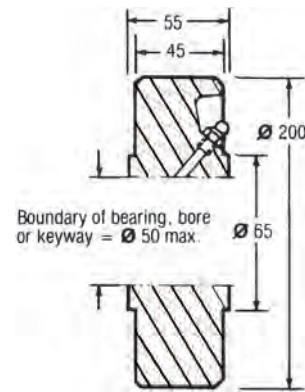


FULL PART NUMBER FOR ORDERING				
Axle Ø	Plain Bore	Plain Bore Keywayed	Ball Bearing	Taper Roller Bearing
METRIC AXLE Ø				
25	C150/60/PBM 25	C150/60/KM 25	C150/60/BJM 25	
30	C150/60/PBM 30	C150/60/KM 30		
35	C150/60/PBM 35	C150/60/KM 35		

LOAD LIMITED BY BEARINGS TO: (1) 1140Kg

WHEEL TYPE:
C200/45
See table for full part number

Maximum load rating:
1200Kg
See page 23-26 for load factors
Approximate weight: 4.5Kg

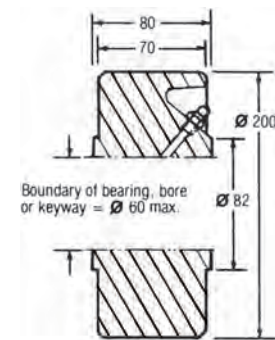


METRIC AXLE Ø				
25	C200/45/PBM 25	C200/45/KM 25	C200/45/BJM 25	
30	C200/45/PBM 30	C200/45/KM 30		
35	C200/45/PBM 35	C200/45/KM 35		

LOAD LIMITED BY BEARINGS TO: (1) 1140Kg

WHEEL TYPE:
C200/70
See table for full part number

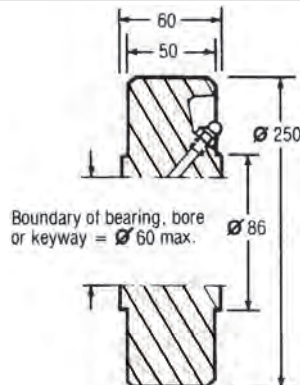
Maximum load rating:
1800Kg
See page 23-26 for load factors
Approximate weight: 8Kg



METRIC AXLE Ø				
30	C200/70/PBM 30	C200/70/KM 30	C200/70/BJM 30	
35	C200/70/PBM 35	C200/70/KM 35		
40	C200/70/PBM 40	C200/70/KM 40		
50	C200/70/PBM 50	C200/70/KM 50		

WHEEL TYPE:
C250/50
See table for full part number

Maximum load rating:
1600Kg
See page 23-26 for load factors
Approximate weight: 9Kg



METRIC AXLE Ø				
30	C250/50/PBM 30	C250/50/KM 30	C250/50/BJM 30	
35	C250/50/PBM 35	C250/50/KM 35		
40	C250/50/PBM 40	C250/50/KM 40		
50	C250/50/PBM 50	C250/50/KM 50		

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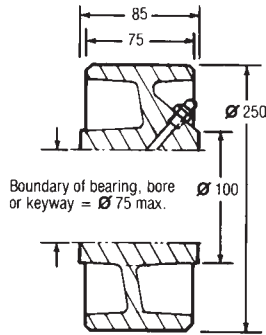
WHEEL TYPE: C250/75

See table for full part number

Maximum load rating:
2500Kg

See page 23-26 for load factors

Approximate weight: **14Kg**



FULL PART NUMBER FOR ORDERING

Axle Ø	Plain Bore	Plain Bore Keywayed	Ball Bearing	Taper Roller Bearing
METRIC AXLE Ø				
30	C250/75/PBM 30	C250/75/KM 30	(1) C250/75/BJM 30	
35	C250/75/PBM 35	C250/75/KM 35	C250/75/BJM 35	
40	C250/75/PBM 40	C250/75/KM 40		
50	C250/75/PBM 50	C250/75/KM 50		

LOAD LIMITED BY BEARINGS TO: (1) 2040Kg

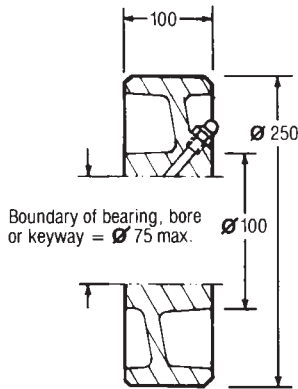
WHEEL TYPE: C250/100

See table for full part number

Maximum load rating:
3300Kg

See page 23-26 for load factors

Approximate weight: **17Kg**



METRIC AXLE Ø				
35	C250/100/PBM 35	C250/100/KM 35	(1) C250/100/BJM 35	
40	C250/100/PBM 40	C250/100/KM 40	C250/100/BJM 40	
50	C250/100/PBM 50	C250/100/KM 50		
60	C250/100/PBM 60	C250/100/KM 60		

LOAD LIMITED BY BEARINGS TO: (1) 2800Kg

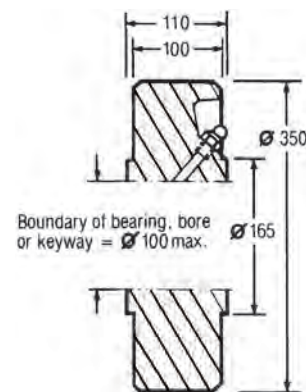
WHEEL TYPE: C350/100

See table for full part number

Maximum load rating:
4600Kg

See page 23-26 for load factors

Approximate weight: **36Kg**



METRIC AXLE Ø				
35	C350/100/PBM 35	C350/100/KM 35	(1) C350/100/BJM 35	
40	C350/100/PBM 40	C350/100/KM 40	(2) C350/100/BJM 40	
50	C350/100/PBM 50	C350/100/KM 50	C350/100/BJM 50	
60	C350/100/PBM 60	C350/100/KM 60		

LOAD LIMITED BY BEARINGS TO: (1) 2800Kg (2) 3384Kg

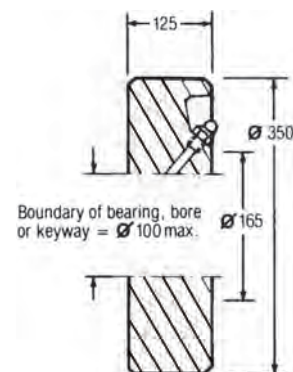
WHEEL TYPE: C350/125

See table for full part number

Maximum load rating:
5700Kg

See page 23-26 for load factors

Approximate weight: **44Kg**



METRIC AXLE Ø				
40	C350/125/PBM 40	C350/125/KM 40	(1) C350/125/BJM 40	
50	C350/125/PBM 50	C350/125/KM 50	C350/125/BJM 50	
60	C350/125/PBM 60	C350/125/KM 60		

LOAD LIMITED BY BEARINGS TO: (1) 3384Kg

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