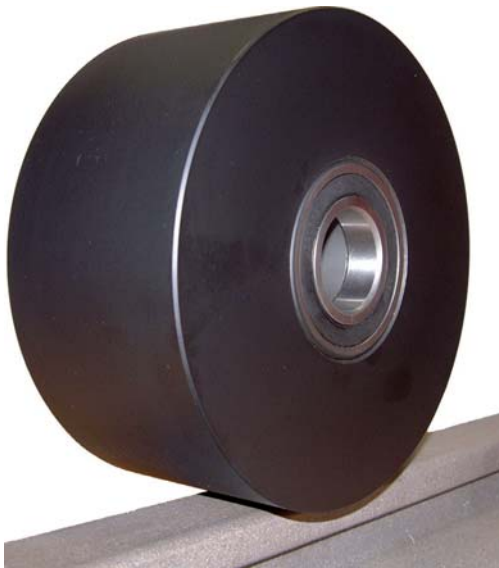


Cast Iron Flat Tread Rail Wheels



While unflanged wheels can be used to run on surfaces such as concrete or steel plate, their most common application is paired with a double flanged wheel.

Cast iron rail wheels are the most economic for light to medium duty, but they have a limited service life when compared to steel wheels, and are unsuitable for high rotational speeds or where substantial shock loads are to be withstood.

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

The 'maximum load rating' given for each wheel is based on the full tread width being in contact with the rail. Working loads must be calculated based on the useable rail width and operating conditions – see 'Design Data' paras. 6.1. and 6.3.

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 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.

FULL PART NUMBER FOR ORDERING

Axle Ø	Plain Bore	Plain Bore Keywayed	Ball Bearing	Taper Roller Bearing
METRIC AXLE Ø				
25	CFT130/70/PBM 25	CFT130/70/KM 25	CFT130/70/BJM 25	
30	CFT130/70/PBM 30	CFT130/70/KM 30	CFT130/70/BJM 30	
35	CFT130/70/PBM 35	CFT130/70/KM 35	CFT130/70/BJM 35	

LOAD LIMITED BY BEARINGS TO: (1) 1140Kg

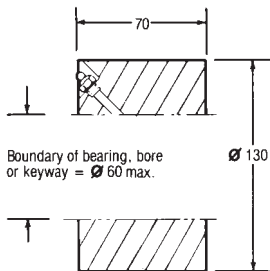
WHEEL TYPE:
CFT130/70

See table for full part number

Maximum load rating:
1200Kg

See pages 23-26 for load factors

Approximate weight: 7Kg



Wheels fitted with 35mm ball journals are pre-lubricated, double shielded

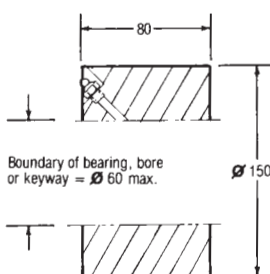
WHEEL TYPE:
CFT150/80

See table for full part number

Maximum load rating:
1500Kg

See pages 23-26 for load factors

Approximate weight: 10Kg



METRIC AXLE Ø				
30	CFT150/80/PBM 30	CFT150/80/KM 30	CFT150/80/BJM 30	
35	CFT150/80/PBM 35	CFT150/80/KM 35	CFT150/80/BJM 35	
40	CFT150/80/PBM 40	CFT150/80/KM 40	CFT150/80/BJM 40	

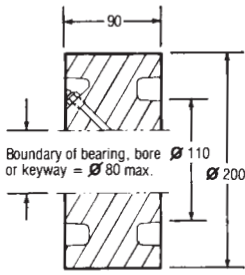
CAST IRON FLAT TREAD RAIL

Cast Iron Flat Tread Rail Wheels



WHEEL TYPE:
CFT200/90
See table for full part number

Maximum load rating:
2300Kg
See pages 23-26 for load factors
Approximate weight: 14Kg



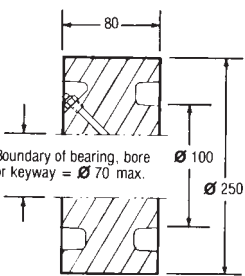
FULL PART NUMBER FOR ORDERING

Axle Ø	Plain Bore	Plain Bore Keywayed	Ball Bearing	Taper Roller Bearing
METRIC AXLE Ø				
30	CFT200/90/PBM 30	CFT200/90/KM 30	CFT200/90/BJM 30	
35	CFT200/90/PBM 35	CFT200/90/KM 35	CFT200/90/BJM 35	
40	CFT200/90/PBM 40	CFT200/90/KM 40	CFT200/90/BJM 40	

LOAD LIMITED BY BEARINGS TO: (1) 2040Kg

WHEEL TYPE:
CFT250/80
See table for full part number

Maximum load rating:
2600Kg
See pages 23-26 for load factors
Approximate weight: 18Kg

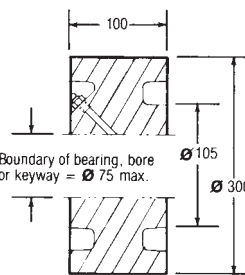


METRIC AXLE Ø

35	CFT250/80/PBM 35	CFT250/80/KM 35	CFT250/80/BJM 35	
40	CFT250/80/PBM 40	CFT250/80/KM 40	CFT250/80/BJM 40	

WHEEL TYPE:
CFT300/100
See table for full part number

Maximum load rating:
4000Kg
See pages 23-26 for load factors
Approximate weight: 27Kg



METRIC AXLE Ø

40	CFT300/100/PBM 40	CFT300/100/KM 40	CFT300/100/BJM 40	
50	CFT300/100/PBM 50	CFT300/100/KM 50		

LOAD LIMITED BY BEARINGS TO: (1) 3384Kg

CAST IRON FLAT TREAD RAIL