

Cast Nylon Double Flanged Rail Wheels



Nylon wheels are light in weight and are resistant to impact, abrasion, corrosion and the effect of many chemicals.

Flanged wheels can be used for guidance paired with an unflanged rail wheel to allow a wide tolerance in the pitch of the rails.

MATERIAL: Cast Nylon 6

OPERATING TEMPERATURE RANGE:

Plain bored or keywayed wheels – 30°C to 80°C

Ball or taper roller bearinged wheels – 30°C to 80°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 6.2.

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 pages 23-28.

Plain bore wheels are not drilled and taped for greasing unless requested at time of order.

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.

CAST NYLON RANGE

WHEEL TYPE:
NDF200/60

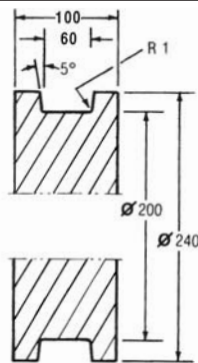
See table for full part number

Maximum load rating:

1960Kg

See page 21 for load factors

Approximate weight: 4Kg



FULL PART NUMBER FOR ORDERING

Axle Ø	Plain Bore	Ball Bearing
METRIC AXLE Ø		
25	NDF200/60/PBM25	NDF200/60/BJM25
30	NDF200/60/PBM30	

LOAD LIMITED BY BEARINGS TO: (1) 1140Kg

WHEEL TYPE:
NDF250/60

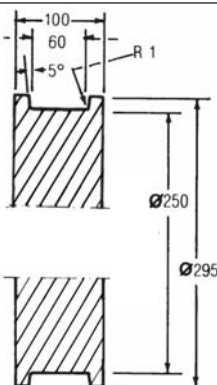
See table for full part number

Maximum load rating:

2453Kg

See page 21 for load factors

Approximate weight: 5.5Kg



METRIC AXLE Ø		
30	NDF250/60/PBM30	NDF250/60/BJM30
35	NDF250/60/PBM35	

LOAD LIMITED BY BEARINGS TO: (1) 2040Kg

Cast Nylon Double Flanged Rail Wheels



FULL PART NUMBER FOR ORDERING

Axle Ø	Plain Bore	Ball Bearing
METRIC AXLE Ø		
40	NDF300/60/PBM40	NDF300/60/BJM40
50	NDF300/60/PBM50	

LOAD LIMITED BY BEARINGS TO: (1) 3384Kg

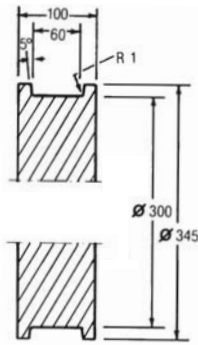
WHEEL TYPE: NDF300/60

See table for full part number

Maximum load rating:
3530Kg

See page 21 for load factors

Approximate weight: **8Kg**



METRIC AXLE Ø		
50	NDF350/60/PBM50	NDF350/60/BJM50
60	NDF350/60/PBM60	

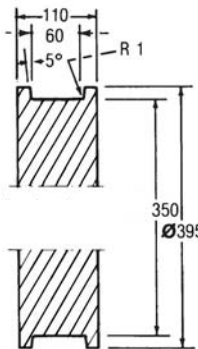
WHEEL TYPE: NDF350/60

See table for full part number

Maximum load rating:
4120Kg

See page 21 for load factors

Approximate weight: **11Kg**



METRIC AXLE Ø		
50	NDF400/60/PBM50	NDF400/60/BJM50
60	NDF400/60/PBM60	

LOAD LIMITED BY BEARINGS TO: (1) 4729Kg

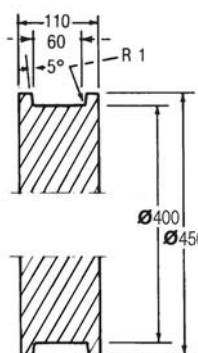
WHEEL TYPE: NDF400/60

See table for full part number

Maximum load rating:
4770Kg

See page 21 for load factors

Approximate weight: **14Kg**



CAST NYLON RANGE