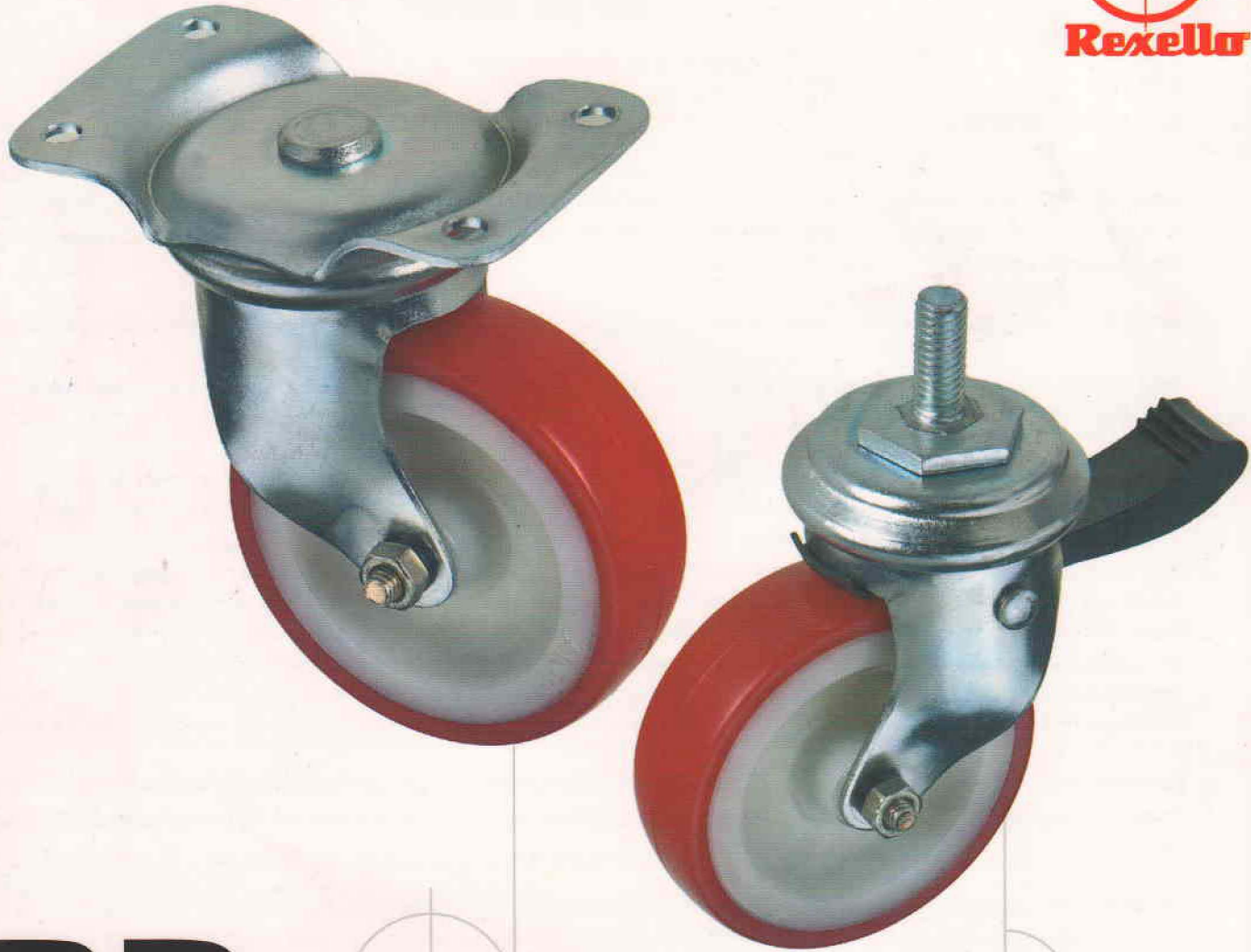


ISO 9001-2000
Quality System
Quality
Endorsed
Company
Certification
No: QEC13252



RD
SERIES

Rexello[®]

The Name That Carries Weight

RD Series (Pressed Steel Castors)
King Pinless unique side Race Swivel
Castors eliminating the need of Double Ball Bearings



for Superior Strength
Maximum Mileage

PRESSED STEEL CASTORS

GENERAL INFORMATION

SWIVEL CASTORS : In swivel castors the wheel and fork turn a full 360 degrees, whilst the top or mounting plate remains in a fixed position. The horizontal distance between the centerline of the swivel and the centerline of the wheel is called the offset. When pressure is applied through the mounting plate the offset causes the castor to swivel in line so that the wheel always trails in the opposite direction to which the equipment is being moved.

SWIVEL RADIUS : In our tables we give the swivel radius dimension for all swivel castors. This shows the mounting clearance required to allow the castor to swivel without obstruction.

FIXED CASTORS : Fixed castors have the top plate rigidly fastened to the fork legs with the wheel in line with the fixing bolt holes. These castors do not swivel at all and the wheel can only move in two directions, forwards and backwards.

ROLLING RESISTANCE : Rolling resistance determines the effort necessary to move the equipment from rest and to keep it rolling. If a wheel, so hard that it will not flatten under load, rolls on an absolutely flat hard surface, perfect rolling is possible. The nearer you get to this ideal, the lower the rolling resistance becomes. In view of this, the first choice should be hard tread wheels but the average floor is far from smooth, and is often littered with small particles of some description. Once the wheels are rolling they will pass over these small items with no problem, but if the equipment starts from rest with minor obstructions such as swarf in front of the wheels then the starting effort includes that necessary to lift the equipment to the height of the obstructions. In cases where hard wheels are used on soft floors such as carpeting, or even asphalt, the surface deformation causes the wheels to sit in small ruts and extra effort is needed to overcome such resistance. Resilient wheels move more easily over obstructions as they deform and rollover them instead of climbing. On the other hand, as a tyre flattens under load, an area instead of a line is always in contact with the floor and resistance to rolling is greater. Individual characteristics of our wheels will be found elsewhere in this catalogue but, because of the wide variations in floor conditions, hardnesses, wheel diameters, tread profiles, etc., it is not practical to give rolling resistance figures in the tables. We will always be pleased to advise when given the necessary information, but the only accurate assessment is one based on the user making his own tests on site.

LOAD CAPACITIES : We do not give load capacities for 'ideal working conditions' as these rarely exist. Capacities given in this catalogue are based on normal working conditions on reasonably level floors free from grooves, breaks, door cills, lift entrances and other hazards. They are also based on manual propulsion except in the case of castors designed for mechanical towing applications.

CASTOR AND WHEEL LUBRICATION : We recommend regular greasing of all nipples with a lithium based grease of the type used on car axles. Where nipples are not provided a few drops of light machine oil should be used.

FINISH : Bright zinc electro-plating is our standard finish for pressed steel castors. Wheels and fabricated castors are paint sprayed bright aluminium. Other finishes can be supplied to special order subject to economical batches.

CASTOR AND WHEEL SELECTION : The following variable factors all have a bearing on the choice to be made and the performance to be expected.

LOADING : Apart from the gross weight of the load and equipment an allowance should be made for uneven distribution of weight as this often results in one wheel carrying more than the rest. Mechanical loading can also impose severe shock loading.

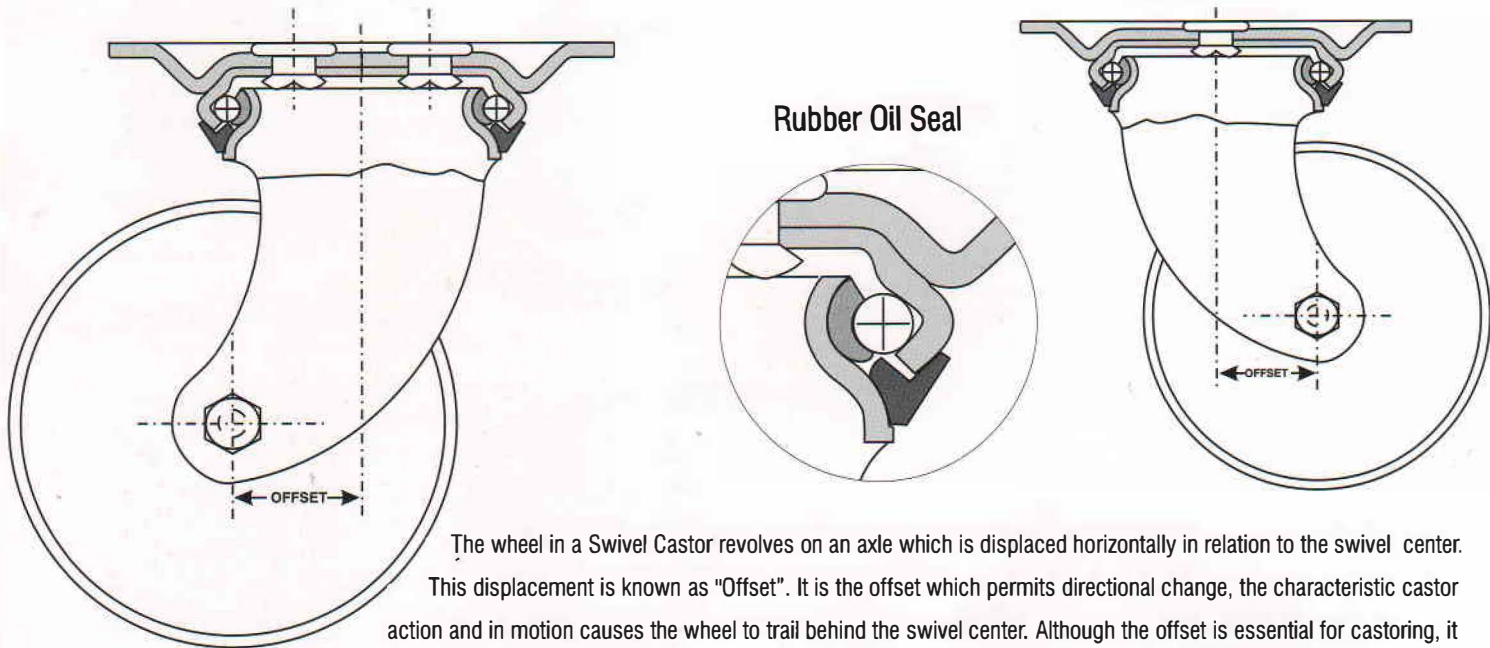
FLOOR CONDITIONS : Rough uneven floors often go unnoticed but they cause severe overloading in some cases simply because one wheel leaves the ground and the load is thrust upon the remainder. Impact loads due to curbs and holes in the floor also cause problems.

MOTIVE POWER : If a truck, moved by hand, meets an obstruction it becomes harder to push and the result is that the truck slows down, takes an easier route; or the load is reduced. All these reduce the strain on the castors as well as the person pushing. This does not happen with mechanical towing as there is usually plenty of power in hand and this combined with higher speed results in considerably more castor stress occurring.

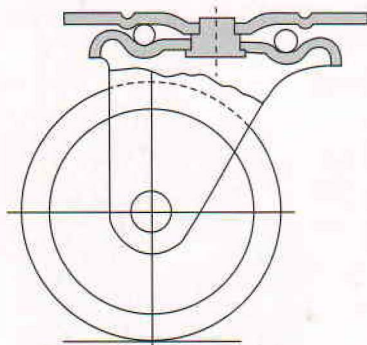
FLOOR SAVING : All metal wheels will damage floors if the load is heavy. Resilient wheels are not so easy to move but they are certainly kinder to floors. It should be remembered that the floor will cost more to repair than the price of the wheel running on it.

SPECIAL APPLICATIONS : Castors and wheels are usually fitted to equipment that is in intermittent use and are often stationary for much of the time and our products are designed for such service. On applications such as conveyors where they are subject to continuous running, the normal load capacities do not apply as a life factor has to be introduced. Each case should be considered individually and we will be pleased to advise on receipt of the relevant information.

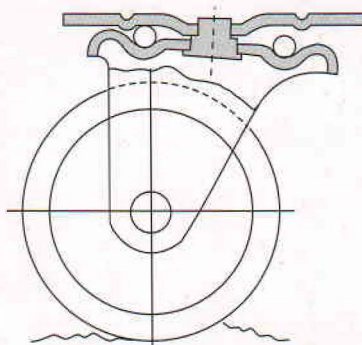
REXELLO 'RD' CASTOR DESIGN



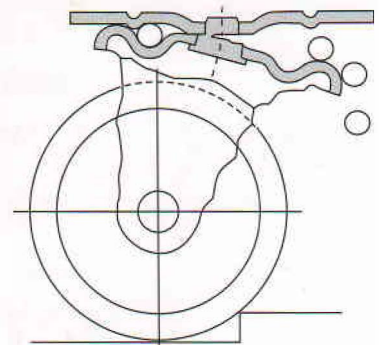
The wheel in a Swivel Castor revolves on an axle which is displaced horizontally in relation to the swivel center. This displacement is known as "Offset". It is the offset which permits directional change, the characteristic castor action and in motion causes the wheel to trail behind the swivel center. Although the offset is essential for castoring, it also has the effect of transmitting off-center loading to the swivel. The load carried, combined with shock loads resulting from uneven floor surfaces and obstacles will impose these severe thrust and radial loads on the swivel and it is therefore desirable that the swivel bearing is as large as possible and constructed to distribute and contain these forces over the full diameter of the bearing. The original REXELLO swivel effectively covers this requirement and is designed around a ball race made to the maximum diameter allowed by the size of the castor frame. In the pressed steel range for instance, the inner raceway is an integral part of the castor body and the outer raceway is formed by the top cup. This proven design is illustrated by the sectional drawing on next page. RD Pressed Steel Series is manufactured in 5 sizes of Swivel Bearings. (RD 1, RD 2, RD 3, RD 4, & RD 5) to cover load capacities from 16 kg to 820 kgs. per Castor. Wheel diameter: 1 1/2" to 8". Choice of wheel material for varied applications: Rubber (R) Plastic (A); Cast Iron (C); Rubber Tyred (RT); Hard Rubber (CR); Phenorex (P); Nylon (N).



Conventional king-pin design.
In motion all loads concentrated on trailing edge of swivel.



Shock-loads caused by uneven floors, etc., force king-pin castor to bind producing swivel failure.



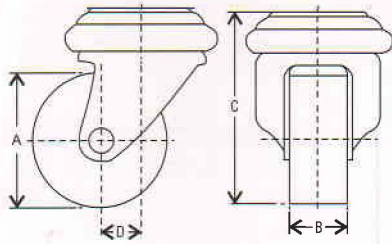
Extreme shock-loads distort or even fracture king-pin resulting in complete break-down.

The above diagram show the inherent defect of king-pin design. The concentration of the load at one point of the swivel circumference renders swiveling difficult even under good conditions, while shock-loads impose strains producing king-pin distortion and metal-to-metal friction.

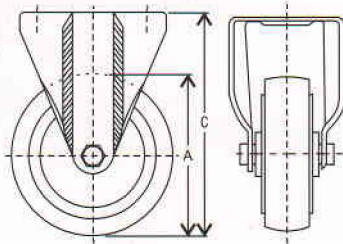
SPECIFICATION TABLES

The castor dimensions listed in this catalogue under headings A, B, C & D are taken from the datum points as shown in the above diagram.

SWIVEL CASTORS



FIXED CASTORS



EXPLANATION OF CASTOR CODES AND LOAD CAPACITIES

Swivel Castor Codes & Load Capacities.

Example: RD5/PT/RT/150 ← Code of Castor with Plain bearing wheel
 Load Capacity under Ideal & Average Conditions. → **370 kgs**
 RD5/PT/RT/150/R ← Code of Castor with Roller Bearing wheel swivel.

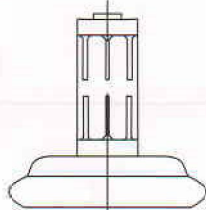
Rigid (Fixed) Castor Codes & Load Capacities.

Example: RD5/F/RT/150 ← Code of Castor with Plain bearing wheel
 Load Capacity under Ideal & Average Conditions. → **370 kgs**
 RD5/F/RT/150/R ← Code of Castor with Roller Bearing wheel swivel.

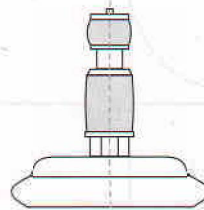
TOP FIXTURES AVAILABLE



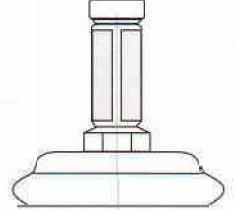
BH
BLIND HOLE



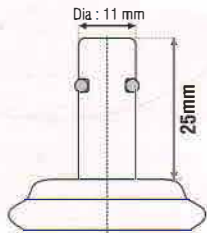
ENP
EXPANDING NYLON PLUG



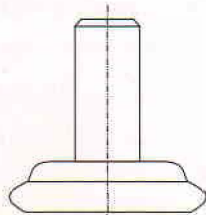
ERP
EXPANDING RUBBER PLUG
Sizes Available : 20mm / 22mm



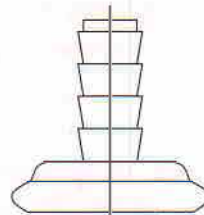
ESP
EXPANDING STEEL PLUG
Sizes Available : 20mm / 22mm



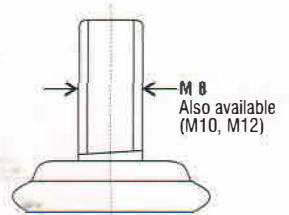
KP
KING PIN with CIRCLIP
Sizes Available : Dia : 10 / 11 / 12 mm.
Height : in 25mm (1") & 38 mm (1.1/2")



SP
ROUND SOLID PLUG
Sizes Available : 15, 20, 22, 25 mm

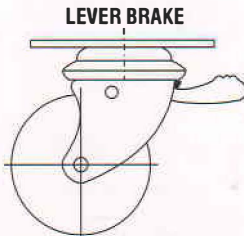


SSP
SQUARE STEEL PLUG

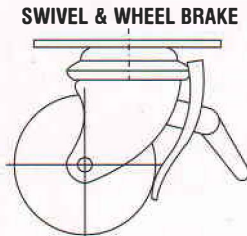


TH
THREADED PINS
Sizes Available : in M 8 / M 10 / M 12

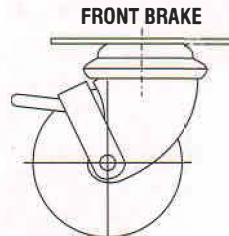
BRAKES / FOOT BRAKES / WHEEL LOCKS AVAILABLE



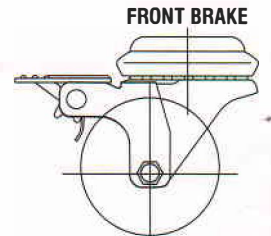
Available in : RD 1, RD 2, RD 3



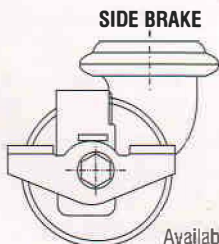
Available in : RD 4, RD 5



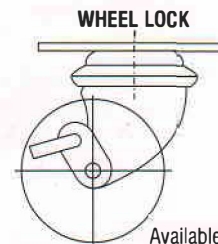
Available in : RD 4, RD 5



Available in : RD 1



Available in : RD 4, RD 5



Available in : RD 4, RD 5

CHOICE OF WHEELS AVAILABLE



C
Castor with
CAST IRON WHEEL



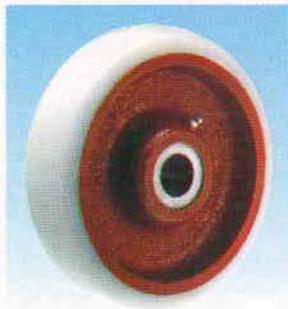
CR
HARD RUBBER WHEEL



CTN
RUBBER CUSHION TYRED ON
NYLON CENTRE WHEEL



N
NYLON WHEEL



NT
NYLON BONDED
CAST IRON WHEEL



P
REINFORCED PHENOREX
FIBRE WHEEL



PP
POLYPROPYLENE WHEEL



PT
PHENOREX FIBRE TYRED
CAST IRON WHEEL



PUN
POLYURETHANE MOULDED
ON NYLON CENTRE WHEEL



R
RUBBER WHEEL



RPU
POLYURETHANE TYRED
CAST IRON WHEEL



RT
RUBBER TYRED
CAST IRON WHEEL

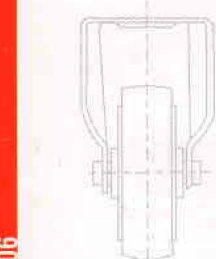
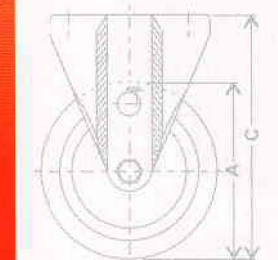
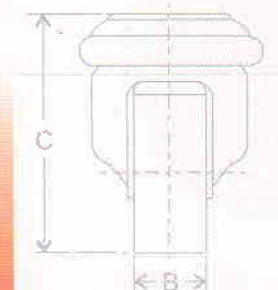
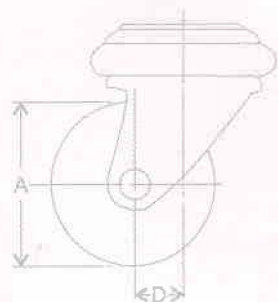


WHM
WHITE VIRGIN QUALITY
ULTRA HIGH MOLECULAR
POLYMER WHEEL

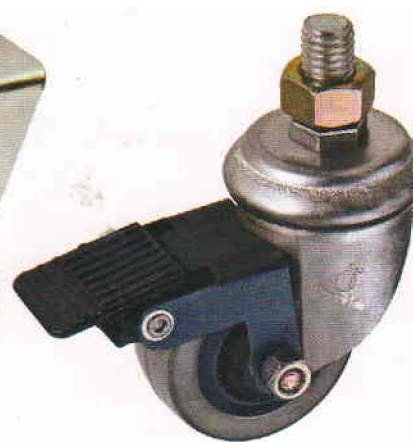
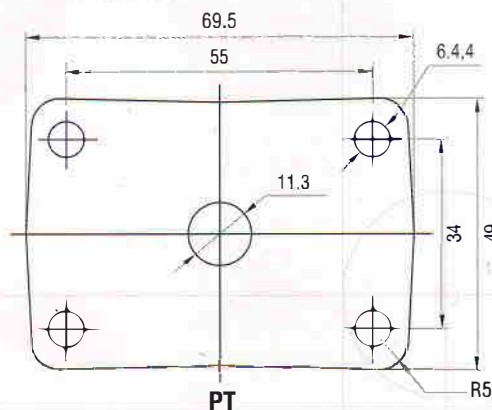
RD 1

SERIES

LIGHT DUTY LOADS UP TO 36 KGS.
Suitable for use on all light domestic, office & hospital equipments



STANDARD PLATE
for Swivel Castors



RD 1 SERIES

Wheel Dia. A	Tread Width. B	Overall Height C		Offset D	Castors with C	Castors with CR	Castors with CTN	Castors with N
		with Blind Hole (BH)	with Top Plate (PT)		For Details Refer Page 05	For Details Refer Page 05	For Details Refer Page 05	For Details Refer Page 05
38 (1 1/2")	20	61	66.5	21.5	RD1 / PT / C / 38 L.C. 25 kgs. RD1 / F / C / 38	RD1 / PT / CR / 38 L.C. 25 kgs. RD1 / F / CR / 38		RD1 / PT / N / 38 L.C. 25 kgs. RD1 / F / N / 38
50 (2")	22	72	75	21.5	RD1 / PT / C / 50 L.C. 36 kgs. RD1 / F / C / 50	RD1 / PT / CR / 50 L.C. 25 kgs. RD1 / F / CR / 50	RD1 / PT / CTN / 50 / R L.C. 20 kgs. RD1 / F / CTN / 50 / R	RD1 / PT / N / 50 L.C. 25 kgs. RD1 / F / N / 50

Expanding Rubber Plug (ERP) top fixture available in 2 sizes: 20 mm (3/4") & 22 mm (7/8")

PLATE OPTIONS AVAILABLE for Swivel Castors

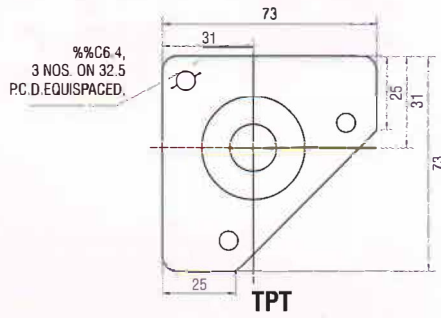
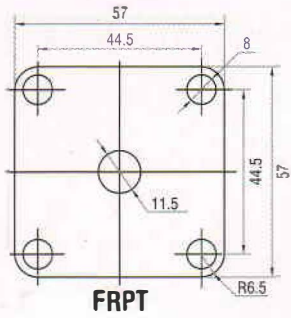
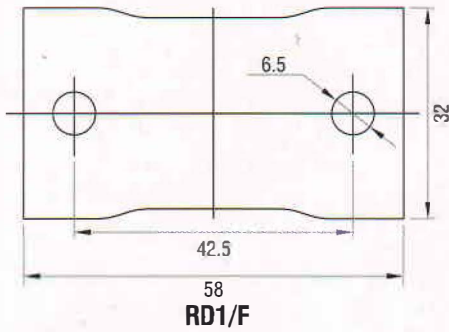
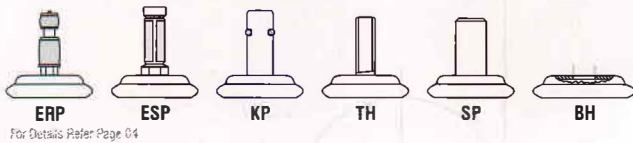


PLATE OPTIONS AVAILABLE for Fixed (Rigid) Castors



TOP FIXTURES OPTIONS AVAILABLE



BRAKE OPTIONS AVAILABLE



Castors with P	Castors with PP	Castors with PUN	Castors with R	Castors with RT	Castors with WHM
For Details Refer Page 05	For Details Refer Page 05	For Details Refer Page 05	For Details Refer Page 05	For Details Refer Page 05	For Details Refer Page 05
Catalogue Reference for Swivel & Fixed Castors with Load Capacity	Catalogue Reference for Swivel & Fixed Castors with Load Capacity	Catalogue Reference for Swivel & Fixed Castors with Load Capacity	Catalogue Reference for Swivel & Fixed Castors with Load Capacity	Catalogue Reference for Swivel & Fixed Castors with Load Capacity	Catalogue Reference for Swivel & Fixed Castors with Load Capacity
RD1 / PT / P / 38 L.C. 25 kgs.	RD1 / PT / PP / 38 L.C. 20 kgs.		RD1 / PT / R / 38 L.C. 16 kgs.		
RD1 / F / P / 38	RD1 / F / PP / 38		RD1 / F / R / 38		
RD1 / PT / P / 50 L.C. 30 kgs.	RD1 / PT / PP / 50 L.C. 25 kgs.	RD1 / PT / PUN / 50 / R L.C. 30 kgs.	RD1 / PT / R / 50 L.C. 18 kgs.	RD1 / PT / RT / 50 / R L.C. 27 kgs.	RD1 / PT / WHM / 50 / R L.C. 28 kgs.
RD1 / F / P / 50	RD1 / F / PP / 50	RD1 / F / PUN / 50 / R	RD1 / F / R / 50	RD1 / F / RT / 50 / R	RD1 / F / WHM / 50 / R

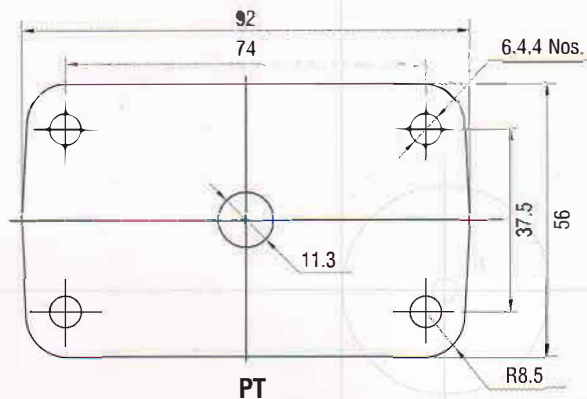
Note : Tolerance on the wheel diameter 'D' upto & including 100 mm shall be ± 2 mm and for the diameters greater than 100 mm shall be ± 2 percent (%).

SIZES : 63/75
UNDER DEVELOPMENT

RD 2 SERIES

LIGHT DUTY LOADS UP TO 70 KGS.
Suitable for use on all light domestic, office & hospital equipments

STANDARD PLATE
for Swivel Castors



RD 2 SERIES

Wheel Dia. A	Tread Width. B	Overall Height C		Offset D	Castors with C	Castors with CR	Castors with CTN	Castors with N
		with Blind Hole (BH)	with Top Plate (PT)		For Details Refer Page 05	For Details Refer Page 05	For Details Refer Page 05	For Details Refer Page 06
50 (2")	22	79.5	84	19.5	RD2 / PT / C / 50 / R L.C. 55 kgs. RD2 / F / C / 50 / R	RD2 / PT / CR / 50 / R L.C. 36 kgs. RD2 / F / CR / 50 / R	RD2 / PT / CTN / 50 / R L.C. 27 kgs. RD2 / F / CTN / 50 / R	RD2 / PT / N / 50 / R L.C. 40 kgs. RD2 / F / N / 50 / R
63 (2 1/2")	22	83.5	88	19.5	RD2 / PT / C / 63 / R L.C. 55 kgs. RD2 / F / C / 63 / R	RD2 / PT / CR / 63 / R L.C. 36 kgs. RD2 / F / CR / 63 / R	RD2 / PT / CTN / 63 / R L.C. 27 kgs. RD2 / F / CTN / 63 / R	RD2 / PT / N / 63 / R L.C. 40 kgs. RD2 / F / N / 63 / R
75 (3")	22	102.5	106	19.5	RD2 / PT / C / 75 / R L.C. 65 kgs. RD2 / F / C / 75 / R	RD2 / PT / CR / 75 / R L.C. 36 kgs. RD2 / F / CR / 75 / R	RD2 / PT / CTN / 75 / R L.C. 27 kgs. RD2 / F / CTN / 75 / R	RD2 / PT / N / 75 / R L.C. 40 kgs. RD2 / F / N / 75 / R
100 (4")	22	127.5	132	20.5	RD2 / PT / C / 100 / R L.C. 65 kgs. RD2 / F / C / 100 / R	RD2 / PT / CR / 100 / R L.C. 39 kgs. RD2 / F / CR / 100 / R	RD2 / PT / CTN / 100 / R L.C. 27 kgs. RD2 / F / CTN / 100 / R	RD2 / PT / N / 100 / R L.C. 40 kgs. RD2 / F / N / 100 / R

Also available : Phenorex wheel : Add code P to Cat Ref. / Wheel Brake : Add code BK to Cat Ref. / Thread Guards : Add code TG to Cat Ref. / Triangular Plate : Add code TPT to Cat Ref.

PLATE OPTIONS AVAILABLE for Swivel Castors

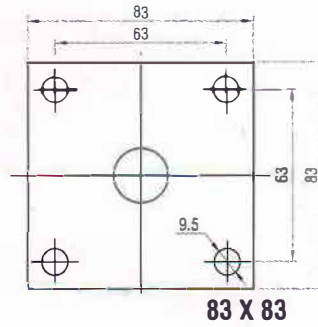
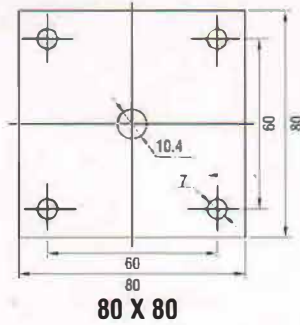
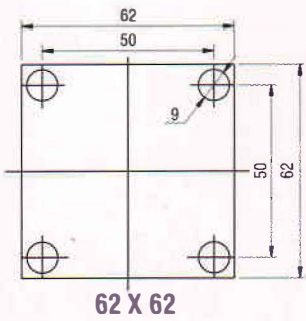
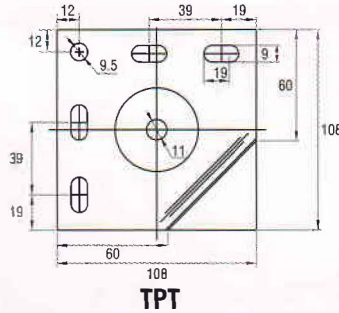
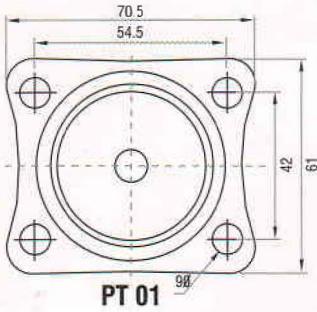
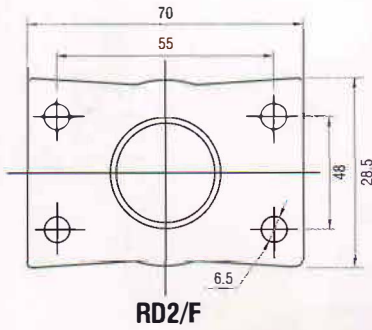
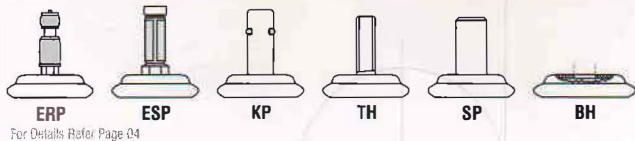


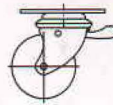
PLATE OPTIONS AVAILABLE for Fixed (Rigid) Castors



TOP FIXTURES OPTIONS AVAILABLE



BRAKE OPTIONS AVAILABLE

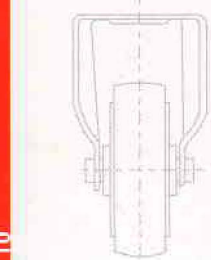
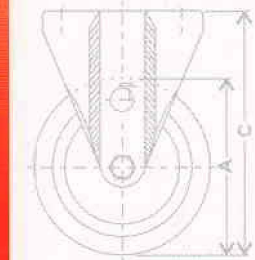
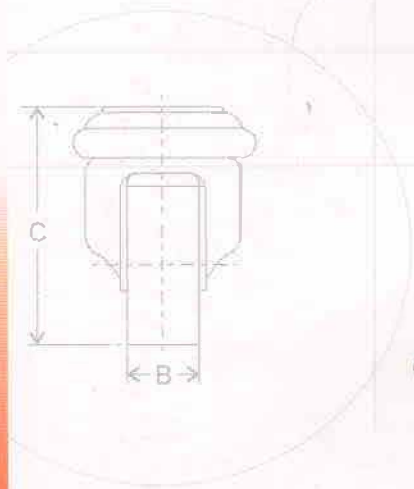
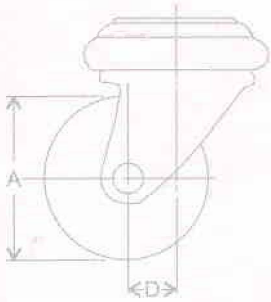


Castors with P	Castors with PP	Castors with PUN	Castors with R	Castors with RT	Castors with WHM
For Details Refer Page 05	For Details Refer Page 05	For Details Refer Page 05	For Details Refer Page 05	For Details Refer Page 05	For Details Refer Page 05
Catalogue Reference for Swivel & Fixed Castors with Load Capacity	Catalogue Reference for Swivel & Fixed Castors with Load Capacity	Catalogue Reference for Swivel & Fixed Castors with Load Capacity	Catalogue Reference for Swivel & Fixed Castors with Load Capacity	Catalogue Reference for Swivel & Fixed Castors with Load Capacity	Catalogue Reference for Swivel & Fixed Castors with Load Capacity
RD2 / PT / P / 50 / R L.C. 50 kgs.	RD2 / PT / PP / 50 / R L.C. 32 kgs.	RD2 / PT / PUN / 50 / R L.C. 45 kgs.	RD2 / PT / R / 50 / R L.C. 27 kgs.	RD2 / PT / RT / 50 / R L.C. 40 kgs.	RD2 / PT / WHM / 50 / R L.C. 45 kgs.
RD2 / F / P / 50 / R	RD2 / F / PP / 50 / R	RD2 / F / PUN / 50 / R	RD2 / F / R / 50 / R	RD2 / F / RT / 50 / R	RD2 / F / WHM / 50 / R
RD2 / PT / P / 63 / R L.C. 55 kgs.	RD2 / PT / PP / 63 / R L.C. 32 kgs.	RD2 / PT / PUN / 63 / R L.C. 45 kgs.	RD2 / PT / R / 63 / R L.C. 27 kgs.	RD2 / PT / RT / 63 / R L.C. 40 kgs.	RD2 / PT / WHM / 63 / R L.C. 45 kgs.
RD2 / F / P / 63 / R	RD2 / F / PP / 63 / R	RD2 / F / PUN / 63 / R	RD2 / F / R / 63 / R	RD2 / F / RT / 63 / R	RD2 / F / WHM / 63 / R
RD2 / PT / P / 75 / R L.C. 65 kgs.	RD2 / PT / PP / 75 / R L.C. 32 kgs.	RD2 / PT / PUN / 75 / R L.C. 45 kgs.	RD2 / PT / R / 75 / R L.C. 27 kgs.	RD2 / PT / RT / 75 / R L.C. 40 kgs.	RD2 / PT / R / 75 / R L.C. 45 kgs.
RD2 / F / P / 75 / R	RD2 / F / PP / 75 / R	RD2 / F / PUN / 75 / R	RD2 / F / R / 75 / R	RD2 / F / RT / 75 / R	RD2 / F / WHM / 75 / R
RD2 / PT / P / 100 / R L.C. 65 kgs.	RD2 / PT / PP / 100 / R L.C. 32 kgs.	RD2 / PT / PUN / 100 / R L.C. 45 kgs.	RD2 / PT / R / 100 / R L.C. 27 kgs.	RD2 / PT / RT / 100 / R L.C. 40 kgs.	RD2 / PT / WHM / 100 / R L.C. 45 kgs.
RD2 / F / P / 100 / R	RD2 / F / PP / 100 / R	RD2 / F / PUN / 100 / R	RD2 / F / R / 100 / R	RD2 / F / RT / 100 / R	RD2 / F / WHM / 100 / R

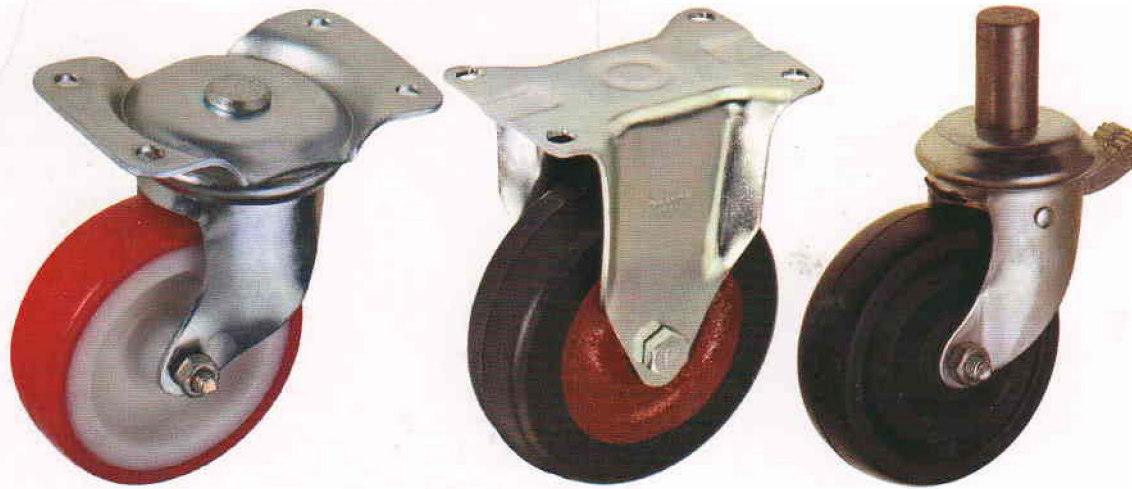
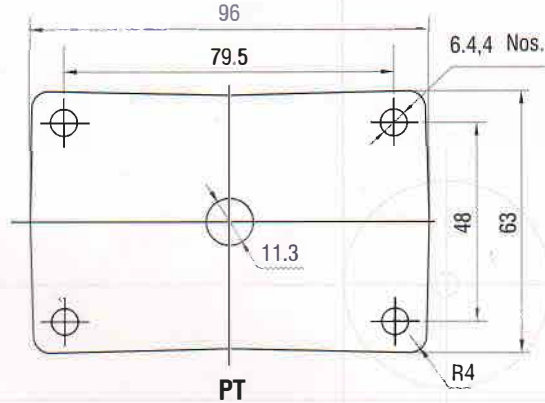
Note : Tolerance on the wheel diameter 'D' upto & including 100 mm shall be ± 2 mm and for the diameters greater than 100 mm shall be ± 2 percent (%)

RD 3 SERIES

MEDIUM DUTY LOADS UPTO 135 KGS.
Suitable for medium duty Industrial & Hospital equipments.



STANDARD PLATE
for Swivel Castors

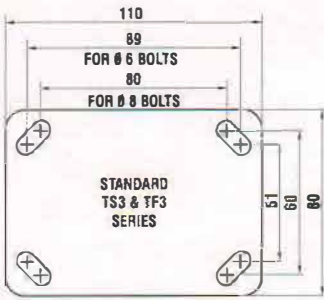


RD 3 SERIES

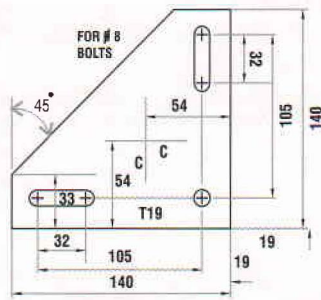
Wheel Dia. A	Tread Width. B	Overall Height C		Offset D	Castors with C	Castors with CR	Castors with CTN	Castors with N
		with Blind Hole (BH)	with Top Plate (PT)		For Details Refer Page 05	For Details Refer Page 05	For Details Refer Page 05	For Details Refer Page 06
63 (2 1/2")	28	87	91	29	RD3 / PT / C / 63 / R L.C. 90 kgs. RD3 / F / C / 63 / R	RD3 / PT / CR / 63 / R L.C. 55 kgs. RD3 / F / CR / 63 / R	RD3 / PT / CTN / 63 / R L.C. 45 kgs. RD3 / F / CTN / 63 / R	RD3 / PT / N / 63 / R L.C. 70 kgs. RD3 / F / N / 63 / R
75 (3")	28	104.5	108.5	29	RD3 / PT / C / 75 / R L.C. 90 kgs. RD3 / F / C / 75 / R	RD3 / PT / CR / 75 / R L.C. 55 kgs. RD3 / F / CR / 75 / R	RD3 / PT / CTN / 75 / R L.C. 45 kgs. RD3 / F / CTN / 75 / R	RD3 / PT / N / 75 / R L.C. 70 kgs. RD3 / F / N / 75 / R
100 (4")	28	129	132	29	RD3 / PT / C / 100 / R L.C. 100 kgs. RD3 / F / C / 100 / R	RD3 / PT / CR / 100 / R L.C. 60 kgs. RD3 / F / CR / 100 / R	RD3 / PT / CTN / 100 / R L.C. 50 kgs. RD3 / F / CTN / 100 / R	RD3 / PT / N / 100 / R L.C. 75 kgs. RD3 / F / N / 100 / R
125 (5")	28	154.5	158.5	29	RD3 / PT / C / 125 / R L.C. 100 kgs. RD3 / F / C / 125 / R	RD3 / PT / CR / 125 / R L.C. 60 kgs. RD3 / F / CR / 125 / R	RD3 / PT / CTN / 125 / R L.C. 50 kgs. RD3 / F / CTN / 125 / R	RD3 / PT / N / 125 / R L.C. 75 kgs. RD3 / F / N / 125 / R

Also available : Brake attachment : Add code BK to Cat Ref. / Thread Guards : Add code TG to Cat Ref. / Triangular Plate : Add code TPT to Cat Ref.

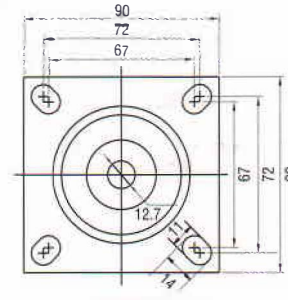
PLATE OPTIONS AVAILABLE for Swivel Castors



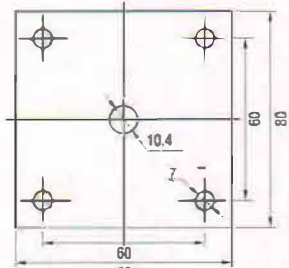
110 x 80



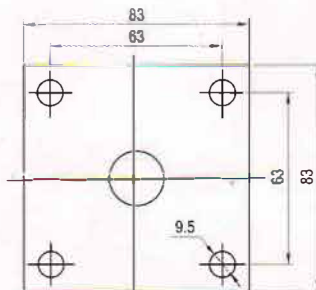
TPT



90 X 90

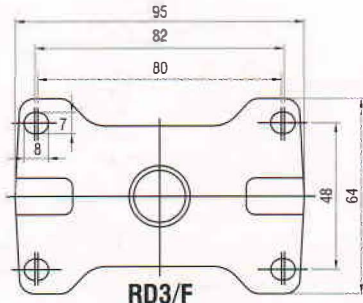


80 X 80



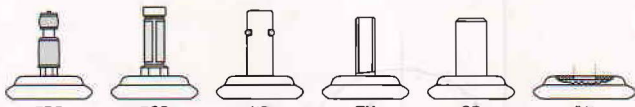
83 X 83

PLATE OPTIONS AVAILABLE for Fixed (Rigid) Castors



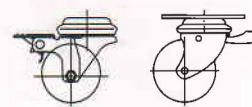
RD3/F

TOP FIXTURES OPTIONS AVAILABLE



For Details Refer Page 04

BRAKE OPTIONS AVAILABLE



For Details Refer Page 04

Castors with P	Castors with PP	Castors with PUN	Castors with R	Castors with RT	Castors with WHM
For Details Refer Page 05	For Details Refer Page 05	For Details Refer Page 05	For Details Refer Page 05	For Details Refer Page 05	For Details Refer Page 05
Catalogue Reference for Swivel & Fixed Castors with Load Capacity	Catalogue Reference for Swivel & Fixed Castors with Load Capacity	Catalogue Reference for Swivel & Fixed Castors with Load Capacity	Catalogue Reference for Swivel & Fixed Castors with Load Capacity	Catalogue Reference for Swivel & Fixed Castors with Load Capacity	Catalogue Reference for Swivel & Fixed Castors with Load Capacity
RD3 / PT / P / 63 / R L.C. 80 kgs.	RD3 / PT / PP / 63 / R L.C. 55 kgs.	RD3 / PT / PUN / 63 / R L.C. 65 kgs.	RD3 / PT / R / 63 / R L.C. 38 kgs.	RD3 / PT / RT / 63 / R L.C. 60 kgs.	RD3 / PT / WHM / 63 / R L.C. 80 kgs.
RD3 / F / P / 63 / R	RD3 / F / PP / 63 / R	RD3 / F / PUN / 63 / R	RD3 / F / R / 63 / R	RD3 / F / RT / 63 / R	RD3 / F / WHM / 63 / R
RD3 / PT / P / 75 / R L.C. 80 kgs.	RD3 / PT / PP / 75 / R L.C. 55 kgs.	RD3 / PT / PUN / 75 / R L.C. 65 kgs.	RD3 / PT / R / 75 / R L.C. 38 kgs.	RD3 / PT / RT / 75 / R L.C. 60 kgs.	RD3 / PT / WHM / 75 / R L.C. 80 kgs.
RD3 / F / P / 75 / R	RD3 / F / PP / 75 / R	RD3 / F / PUN / 75 / R	RD3 / F / R / 75 / R	RD3 / F / RT / 75 / R	RD3 / F / WHM / 75 / R
RD3 / PT / P / 100 / R L.C. 80 kgs.	RD3 / PT / PP / 100 / R L.C. 60 kgs.	RD3 / PT / PUN / 100 / R L.C. 70 kgs.	RD3 / PT / R / 100 / R L.C. 42 kgs.	RD3 / PT / RT / 100 / R L.C. 60 kgs.	RD3 / PT / WHM / 100 / R L.C. 90 kgs.
RD3 / F / P / 100 / R	RD3 / F / PP / 100 / R	RD3 / F / PUN / 100 / R	RD3 / F / R / 100 / R	RD3 / F / RT / 100 / R	RD3 / F / WHM / 100 / R
RD3 / PT / P / 125 / R L.C. 90 kgs.	RD3 / PT / PP / 125 / R L.C. 60 kgs.	RD3 / PT / PUN / 125 / R L.C. 70 kgs.	RD3 / PT / R / 125 / R L.C. 50 kgs.	RD3 / PT / RT / 125 / R L.C. 60 kgs.	RD3 / PT / WHM / 125 / R L.C. 90 kgs.
RD3 / F / P / 125 / R	RD3 / F / PP / 125 / R	RD3 / F / PUN / 125 / R	RD3 / F / R / 125 / R	RD3 / F / RT / 125 / R	RD3 / F / WHM / 125 / R

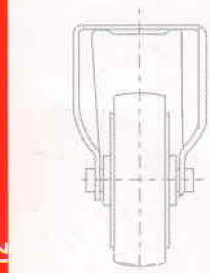
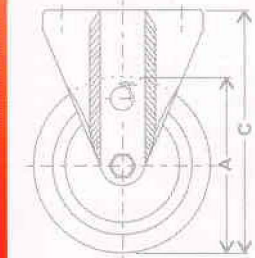
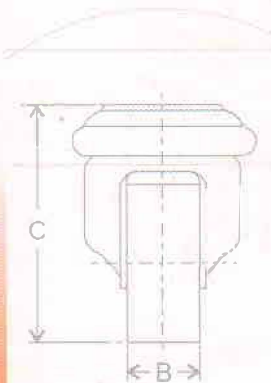
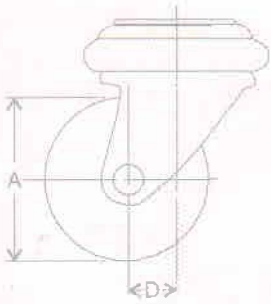
Note : Tolerance on the wheel diameter 'D' upto & including 100 mm shall be ± 2 mm and for the diameters greater than 100 mm shall be ± 2 percent (%)

RD 4 SERIES

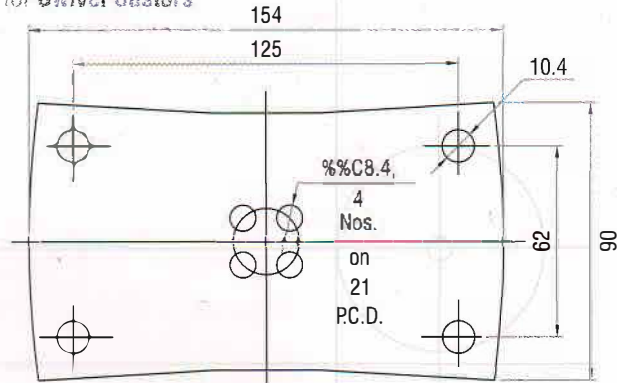
MEDIUM / HEAVY DUTY LOADS UPTO 265 KGS.

Suitable for Heavy duty Industrial trolleys & Canteen equipments.

Rectangular TOP PLATE CASTORS Both the swivel castors & the matching fixed brackets are designed to withstand arduous conditions. The large diameter swivel has a hardened ball track and is fitted with a swivel seal as standard. Wheel lock & wheel/swivel lock can be fitted to 4" & 5" Dia. Castors.

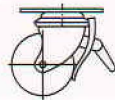


STANDARD PLATE for Swivel Castors



PT

BRAKE OPTIONS AVAILABLE

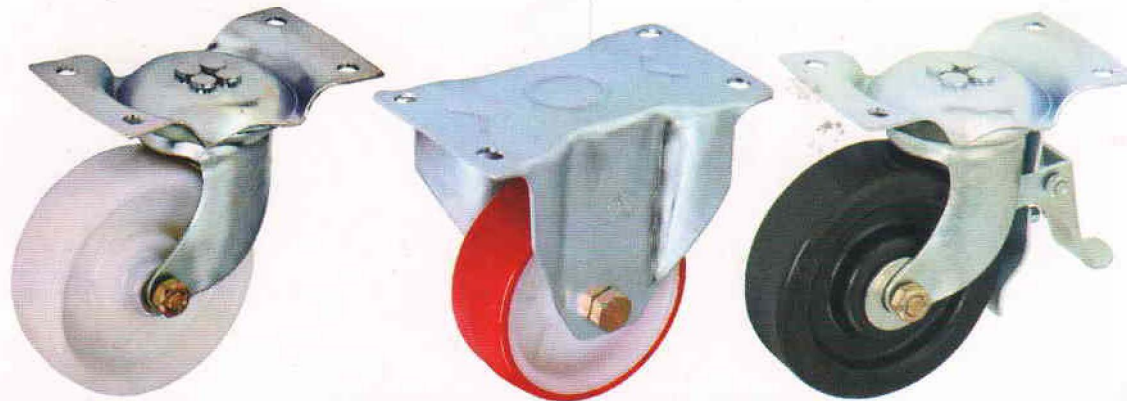


For Details Refer Page 04

TOP FIXTURES OPTIONS AVAILABLE



For Details Refer Page 04

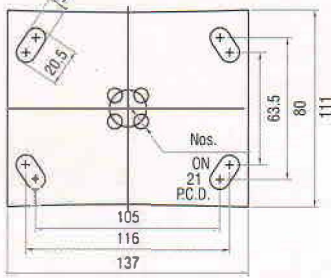


RD 4 SERIES

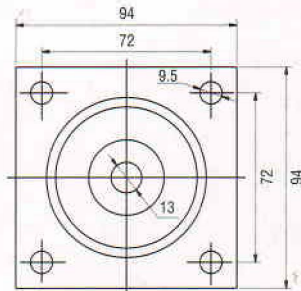
Wheel Dia. A	Tread Width. B	Overall Height C		Offset D	Castors with C	Castors with CTN	Castors with N	Castors with NT
		with Blind Hole (BH)	with Top Plate (PT)		For Details Refer Page 05	For Details Refer Page 05	For Details Refer Page 05	For Details Refer Page 05
75 (3")	38	108	115	34	RD4 / PT / C / 75 / R L.C. 190 kgs. RD4 / F / C / 75 / R	RD4 / PT / CTN / 75 / R L.C. 125 kgs. RD4 / F / CTN / 75 / R	RD4 / PT / N / 75 / R L.C. 145 kgs. RD4 / F / N / 75 / R	RD4 / PT / NT / 75 / R L.C. 160 kgs. RD4 / F / NT / 75 / R
100 (4")	38	132.8	140	34	RD4 / PT / C / 100 / R L.C. 210 kgs. RD4 / F / C / 100 / R	RD4 / PT / CTN / 100 / R L.C. 125 kgs. RD4 / F / CTN / 100 / R	RD4 / PT / N / 100 / R L.C. 150 kgs. RD4 / F / N / 100 / R	RD4 / PT / NT / 100 / R L.C. 160 kgs. RD4 / F / NT / 100 / R
125 (5")	38	157.5	165	38.5	RD4 / PT / C / 125 / R L.C. 210 kgs. RD4 / F / C / 125 / R	RD4 / PT / CTN / 125 / R L.C. 125 kgs. RD4 / F / CTN / 125 / R	RD4 / PT / N / 125 / R L.C. 210 kgs. RD4 / F / N / 125 / R	RD4 / PT / NT / 125 / R L.C. 175 kgs. RD4 / F / NT / 125 / R

Also available : Wheel Brake : Add code BK to Cat Ref. / Thread Guards : Add code TG to Cat Ref. / Triangular Plate : Add code TPT to Cat Ref. / Roller Bearing in the wheel available : Add RB to Cat Ref.

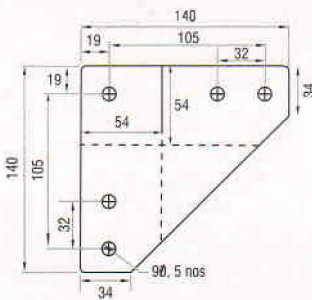
PLATE OPTIONS AVAILABLE for Swivel Castors



RD4 ADPT

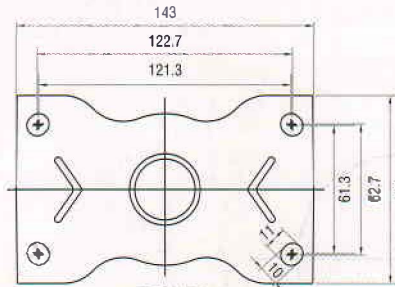


94 X 94



TPT

PLATE OPTIONS AVAILABLE for Fixed (Rigid) Castors



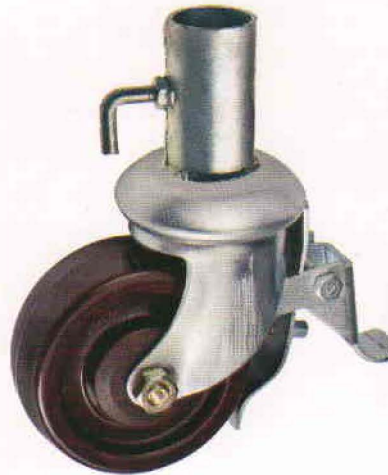
RD4/F

SCAFOLD CASTORS

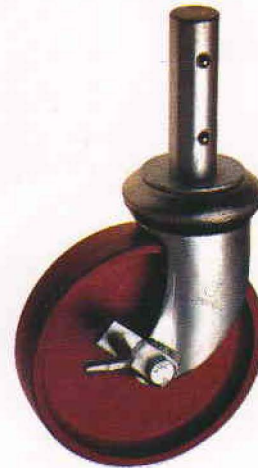
SCAFOLD CASTORS S.W.L. upto 265 Kgs.

RD4 / SCAFF SERIES are fitted with wheel lock and swivel seal and are provided with either socket or spring loaded solid plugs.

Load capacity in addition to the Dynamic loads SAFE working SWL static loads are also shown in table.



WHEEL / SWIVEL LOCK COMBINE



SPRING LOADED SOLID PLUG

Spring loaded plug size:
SPS 1 : 1 3/8" x 5" long
SPS 2 : 1 1/2" x 5" long



SCAFF TYPE SOCKET SIZES

4" & 5" Castors - SCF 1 : 3 1/2" long to fit 1 3/4" dia.

DATA FOR SCAFFOLDING TYPE TOP FIXTURE

Wheel Dia.	Tread Width.	Overall Height	Offset	Wheel Type	SOCKET FITTING		
					Dynamic Capacity	Static Capacity S.W.L.	Catalog Reference
A	B	C	D		In Kgs.	In Kgs.	
100 (4")	38 (1 1/2")	135 (5 5/16")	34 (1 11/32")	Rubber Tyred (RT)	135	225	RD4 / SCF 1 / RT / 100
				Cast Iron (C)	225		RD4 / SCF 1 / C / 100
				Nylon (N)	225		RD4 / SCF 1 / N / 100
				Phenorex (P)	225		RD4 / SCF 1 / P / 100
125 (5")	38 (1 1/2")	158.8 (6 1/4")	38 (1 1/2")	Rubber Tyred (RT)	160	225	RD4 / SCF 1 / RT / 125
				Cast Iron (C)	265		RD4 / SCF 1 / C / 125
				Phenorex (P)	225		RD4 / SCF 1 / P / 125

Roller and Ball Bearing also available at an extra cost. Finish-Bright zinc Galvanized.

Note : Tolerance on the wheel diameter 'D' upto & including 100 mm shall be + 2 mm and for the diameters greater than 100 mm shall be + 2 percent (%)

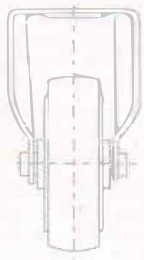
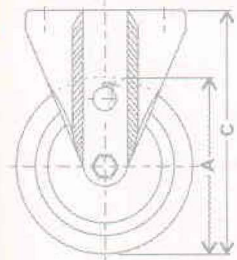
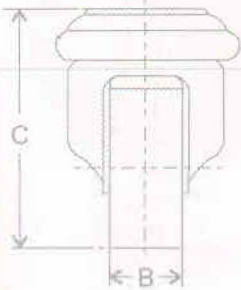
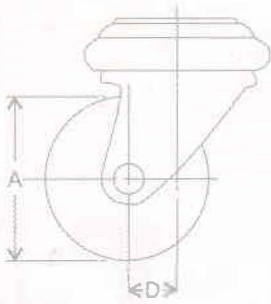
Castors with P	Castors with PP	Castors with PT	Castors with PUN	Castors with RPU	Castors with RT	Castors with WHM
For Details Refer Page 05	For Details Refer Page 05	For Details Refer Page 05	For Details Refer Page 05	For Details Refer Page 05	For Details Refer Page 05	For Details Refer Page 05
Catalogue Reference for Swivel & Fixed Castors with Load Capacity	Catalogue Reference for Swivel & Fixed Castors with Load Capacity	Catalogue Reference for Swivel & Fixed Castors with Load Capacity	Catalogue Reference for Swivel & Fixed Castors with Load Capacity	Catalogue Reference for Swivel & Fixed Castors with Load Capacity	Catalogue Reference for Swivel & Fixed Castors with Load Capacity	Catalogue Reference for Swivel & Fixed Castors with Load Capacity
RD4 / PT / P / 75 / R L.C. 160 kgs.	RD4 / PT / PP / 75 / R L.C. 125 kgs.	RD4 / PT / PT / 75 / R L.C. 175 kgs.	RD4 / PT / PUN / 75 / R L.C. 150 kgs.	RD4 / PT / RPU / 75 / R L.C. 160 kgs.	RD4 / PT / RT / 75 / R L.C. 80 kgs.	RD4 / PT / WHM / 75 / R L.C. 145 kgs.
RD4 / F / P / 75 / R	RD4 / F / PP / 75 / R	RD4 / F / PT / 75 / R	RD4 / F / PUN / 75 / R	RD4 / F / RPU / 75 / R	RD4 / F / RT / 75 / R	RD4 / F / WHM / 75 / R
RD4 / PT / P / 100 / R L.C. 210 kgs.	RD4 / PT / PP / 100 / R L.C. 125 kgs.	RD4 / PT / PT / 100 / R L.C. 175 kgs.	RD4 / PT / PUN / 100 / R L.C. 150 kgs.	RD4 / PT / RPU / 100 / R L.C. 160 kgs.	RD4 / PT / RT / 100 / R L.C. 115 kgs.	RD4 / PT / WHM / 100 / R L.C. 150 kgs.
RD4 / F / P / 100 / R	RD4 / F / PP / 100 / R	RD4 / F / PT / 100 / R	RD4 / F / PUN / 100 / R	RD4 / F / RPU / 100 / R	RD4 / F / RT / 100 / R	RD4 / F / WHM / 100 / R
RD4 / PT / P / 125 / R L.C. 210 kgs.	RD4 / PT / PP / 125 / R L.C. 135 kgs.	RD4 / PT / PT / 125 / R L.C. 190 kgs.	RD4 / PT / PUN / 125 / R L.C. 160 kgs.	RD4 / PT / RPU / 125 / R L.C. 170 kgs.	RD4 / PT / RT / 125 / R L.C. 160 kgs.	RD4 / PT / WHM / 125 / R L.C. 210 kgs.
RD4 / F / P / 125 / R	RD4 / F / PP / 125 / R	RD4 / F / PT / 125 / R	RD4 / F / PUN / 125 / R	RD4 / F / RPU / 125 / R	RD4 / F / RT / 125 / R	RD4 / F / WHM / 125 / R

Note : Tolerance on the wheel diameter 'D' upto & including 100 mm shall be + 2 mm and for the diameters greater than 100 mm shall be + 2 percent (%)

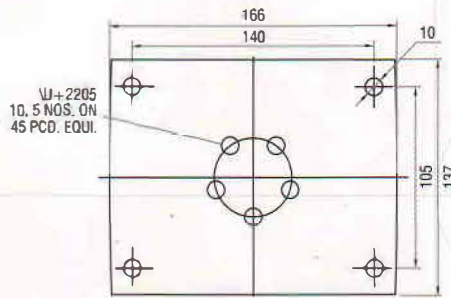
RD 5 SERIES

MEDIUM / HEAVY DUTY CASTORS. LOADS UPTO 820 KGS.
Suitable for medium duty Industrial, Warehousing & Commercial Applications equipments.

Rectangular TOP PLATE CASTORS Both the swivel castors & the matching fixed brackets are designed to withstand arduous conditions. The large diameter swivel has a hardened ball track and is fitted with a swivel seal as standard. Wheel lock & wheel/swivel lock can be fitted to 6" & 8" Dia. Castors.

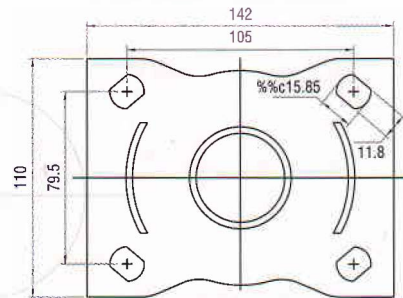


STANDARD PLATE for Swivel Castors



166 x 137

STANDARD PLATE for Fixed (Rigid) Castors



142 x 110

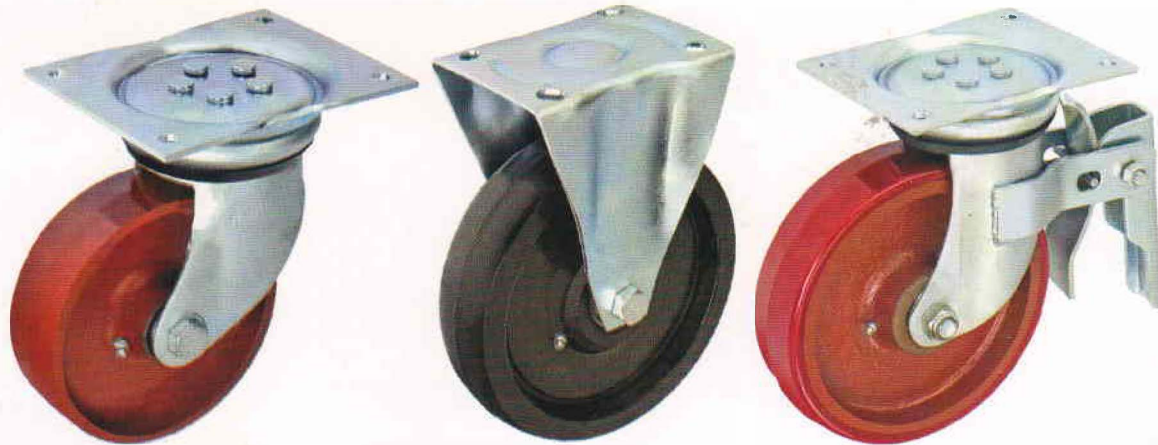
TOP FIXTURES OPTIONS AVAILABLE



BRAKE OPTIONS AVAILABLE



WHEEL LOCK OPTIONS AVAILABLE



RD 5 SERIES

Wheel Dia. A	Tread Width. B	Overall Height C		Offset D	Castors with C	Castors with CTN	Castors with N	Castors with NT
		with Blind Hole (BH)	with Top Plate (PT)		For Details Refer Page 05	For Details Refer Page 05	For Details Refer Page 05	For Details Refer Page 05
150 (6")	44.5	196.8	204	44.5	RD5 / PT / C / 150 / R L.C. 410 kgs.	RD5 / PT / CTN / 150 / R L.C. 250 kgs.	RD5 / PT / N / 150 / R L.C. 310 kgs.	RD5 / PT / NT / 150 / R L.C. 350 kgs.
200 (8")	50	242.8	250	44.5	RD5 / PT / C / 200 / R L.C. 410 kgs.	RD5 / PT / CTN / 200 / R L.C. 250 kgs.	RD5 / PT / N / 200 / R L.C. 310 kgs.	RD5 / PT / NT / 200 / R L.C. 360 kgs.
					RD5 / F / C / 150 / R	RD5 / F / CTN / 150 / R	RD5 / F / N / 150 / R	RD5 / F / NT / 150 / R
					RD5 / F / C / 200 / R	RD5 / F / CTN / 200 / R	RD5 / F / N / 200 / R	RD5 / F / NT / 200 / R

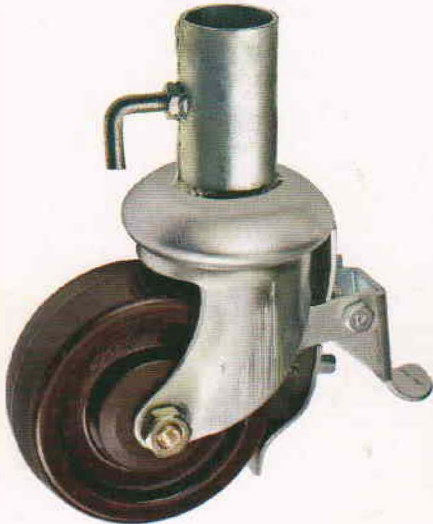
1. Ball Bearing in the wheel available at an extra cost. 2. FINISH : Bright Zinc Galvanized.

SCAFOLD CASTORS

SCAFFOLD CASTORS S.W.L. upto 820 Kgs.

RD5 / SCAFF SERIES are fitted with wheel lock and swivel seal and are provided with either socket or spring loaded solid plugs.

Load capacity in addition to the Dynamic loads SAFE working SWL static loads are also shown in table.



WHEEL / SWIVEL LOCK COMBINE



SPRING LOADED SOLID PLUG

Spring loaded plug size:
SPS 1 : 1 3/8" x 5" long
SPS 2 : 1 1/2" x 5" long



SCAFF TYPE SOCKET SIZES

6" & 8" Castors-
SCF 2 : 4" long to fit 2" dia.

DATA FOR SCAFFOLDING TYPE TOP FIXTURE

Wheel Dia. A	Tread Width. B	Overall Height C	Offset D	Wheel Type	SOCKET FITTING		SPRING LOADED SOLID PLUG FITTING		
					Dynamic Capacity In Kgs.	Static Capacity S.W.L. In Kgs.	Catalog Reference	Static Capacity S.W.L. In Kgs.	Catalog Reference
150 (6")	44.5 (1 3/4")	197 (7 3/4")	44.5 (1 3/4")	Rubber Tyred (RT)	370	820	RD5 / SCF 2 / RT / 150	820	RD5 / SPS 1 / RT / 150
				Cast Iron (C)	410		RD5 / SCF 2 / C / 150		RD5 / SPS 1 / C / 150
	Nylon (N)	410	RD5 / SCF 2 / N / 150	RD5 / SPS 1 / N / 150					
	Phenorex (P)	410	RD5 / SCF 2 / P / 150	RD5 / SPS 1 / P / 150					
200 (8")	50 (2")	243 (9 9/16")	44.5 (1 3/4")	Rubber Tyred (RT)	500	820	RD5 / SCF 2 / RT / 200	820	RD5 / SPS 1 / RT / 200
				Cast Iron (C)			500		RD5 / SCF 2 / C / 200
	Nylon (N)	RD5 / SCF 2 / N / 200	RD5 / SPS 1 / N / 200						
	Phenorex (P)	RD5 / SCF 2 / P / 200	RD5 / SPS 1 / P / 200						

• Roller and Ball Bearing also available at an extra cost. • Finish-Bright zinc Galvanized.

Note : Tolerance on the wheel diameter 'D' upto & including 100 mm shall be ± 2 mm and for the diameters greater than 100 mm shall be ± 2 percent (%)

Castors with P	Castors with PT	Castors with PUN	Castors with RPU	Castors with RT	Castors with WHM
For Details Refer Page 05	For Details Refer Page 05	For Details Refer Page 05	For Details Refer Page 05	For Details Refer Page 05	For Details Refer Page 05
Catalogue Reference for Swivel & Fixed Castors with Load Capacity	Catalogue Reference for Swivel & Fixed Castors with Load Capacity	Catalogue Reference for Swivel & Fixed Castors with Load Capacity	Catalogue Reference for Swivel & Fixed Castors with Load Capacity	Catalogue Reference for Swivel & Fixed Castors with Load Capacity	Catalogue Reference for Swivel & Fixed Castors with Load Capacity
RD5 / PT / P / 150 / R L.C. 410 kgs.	RD5 / PT / PT / 150 / R L.C. 430 kgs.	RD5 / PT / PUN / 150 / R L.C. 310 kgs.	RD5 / PT / RPU / 150 / R L.C. 400 kgs.	RD5 / PT / RT / 150 / R L.C. 370 kgs.	RD5 / PT / WHM / 150 / R L.C. 430 kgs.
RD5 / F / P / 150 / R	RD5 / F / PT / 150 / R	RD5 / F / PUN / 150 / R	RD5 / F / RPU / 150 / R	RD5 / F / RT / 150 / R	RD5 / F / WHM / 150 / R
RD5 / PT / P / 200 / R L.C. 410 kgs.	RD5 / PT / PT / 200 / R L.C. 430 kgs.	RD5 / PT / PUN / 200 / R L.C. 310 kgs.	RD5 / PT / RPU / 200 / R L.C. 400 kgs.	RD5 / PT / RT / 200 / R L.C. 410 kgs.	RD5 / PT / WHM / 200 / R L.C. 430 kgs.
RD5 / F / P / 200 / R	RD5 / F / PT / 200 / R	RD5 / F / PUN / 200 / R	RD5 / F / RPU / 200 / R	RD5 / F / RT / 200 / R	RD5 / F / WHM / 200 / R

Note : Tolerance on the wheel diameter 'D' upto & including 100 mm shall be ± 2 mm and for the diameters greater than 100 mm shall be ± 2 percent (%)