APEX
CASTOR & TROLLEY WHEEL

PRODUCT CATALOGUE

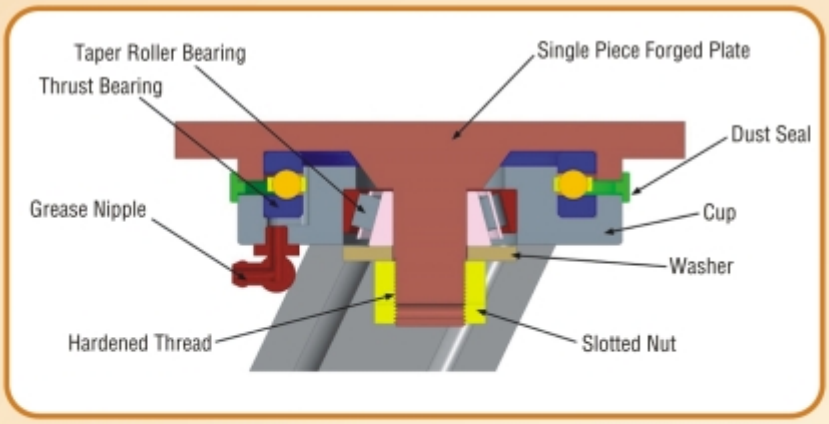
C-300

SO STRONG SO SMOOTH

A PREMIUM QUALITY PRODUCT FOR LONGER LIFE

ABOUT C-300

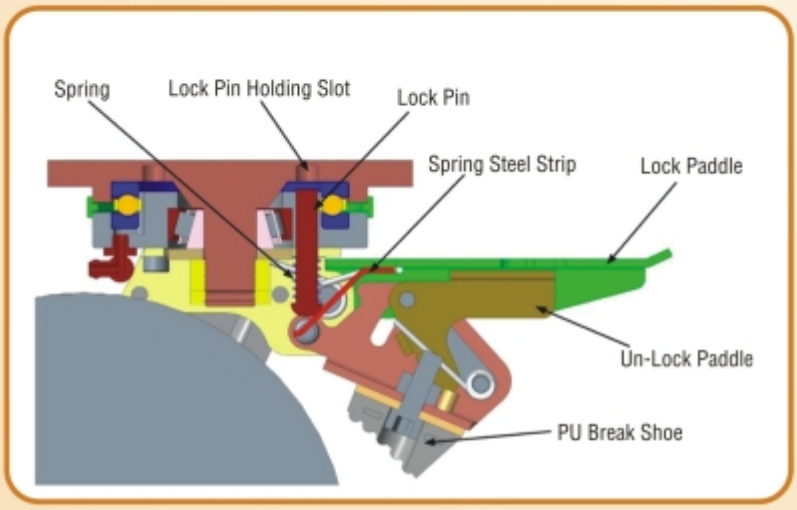
SWIVEL MECHANISM



This is the ultimate heavy duty forged castor among all castor wheel categories to carry heavy duty weights. Let's know about the structure, specialty and components of the Apex C-300 wheel model.

Top Plate:- It is placed on the upper side of the clamp and made up of EN-8 material by using a forging process by which it becomes a single piece plate with a pin that enhances the strength of clamp. After machining the top plate by CNC machine, its threaded part will be hardened by induction Hardening process by which its threads will not damage even by overloading and impact loading. We fit thrust bearing in the top plate for smooth rotation and long life.

DOUBLE LOCK MECHANISM



Wheel Block:- It consists of two components: a cup and MS-plate. Cup is made up of EN-8 material by using a forging process. After completing machining by CNC machine, MS plates will be welded on it according to the size.

These MS plates are designed by inserting ribs in such a way, so that they will not bend even by overloading.Taper roller bearing is also fitted in the middle of the wheel block for longer and better life.

Please ensure, not to weld wheel clamps with a trolley. Apply grease regularly for its long and smooth life.

A. All Dimensions in mm.

B. The load capacity is for a smooth surface of a maximum speed of 3 kmph.

C. Design & specifications are subject to change without prior notice.

APEX
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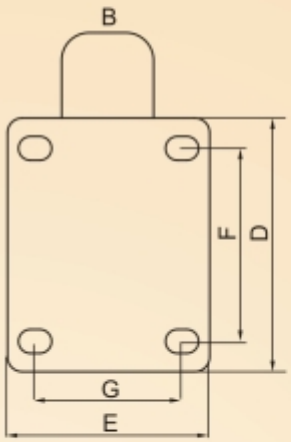
C-300 SINGLE WHEEL

SWIVEL



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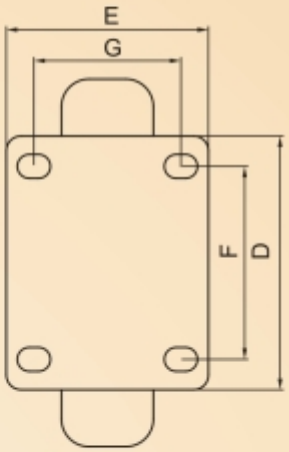

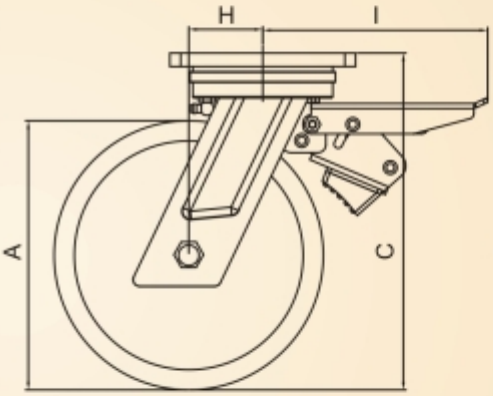

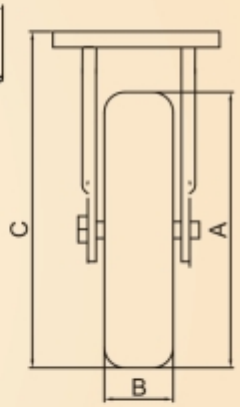

Wheel Diameter (A)	Wheel Width (B)	Overall Height (C)	Swivel Plate Size (DXE)	Swivel Hole Center (FXG)	Fixed Plate Size (DXE)	Fixed Hole Center (FXG)	Offset (H)	Lock Offset (I)	Attaching Bolt Size	Load Capacity
125	50	175	138 x 110	105 x 78	138 x 110	105 x 78	57	170	12	550
150	50	200	138 x 110	105 x 78	138 x 110	105 x 78	55	170	12	750
200	50	250	138 x 110	105 x 78	138 x 110	105 x 78	55	170	12	1000
250	50	300	138 x 110	105 x 78	138 x 110	105 x 78	73	170	12	1200
150	75	215	175 x 140	140 x 105	175 x 140	140 x 105	55	220	12	1100
200	75	265	175 x 140	140 x 105	175 x 140	140 x 105	67	220	12	1400
250	75	315	175 x 140	140 x 105	175 x 140	140 x 105	80	220	12	1800
300	75	365	175 x 140	140 x 105	175 x 140	140 x 105	82	220	12	2000

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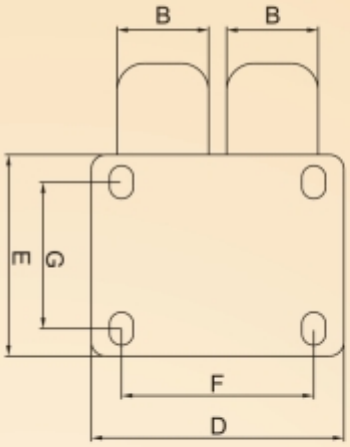
C-300 TWIN WHEEL

SWIVEL



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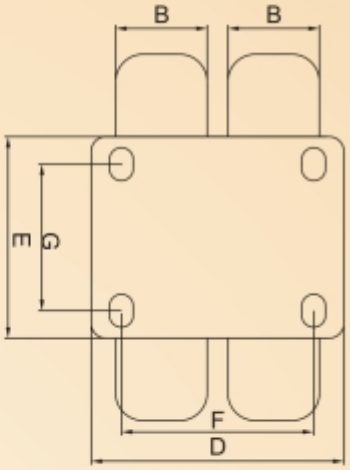

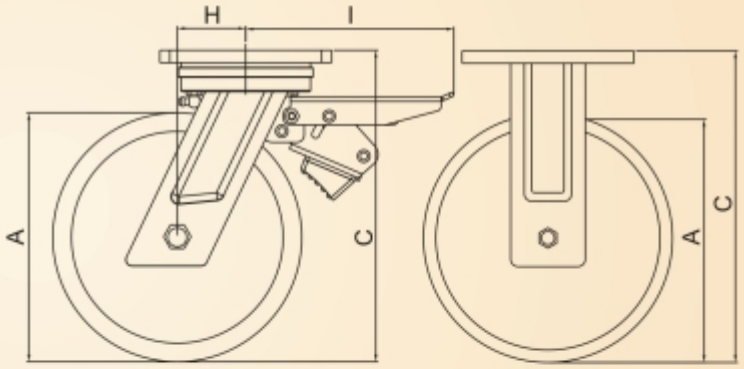

Wheel Diameter (A)	Wheel Width (B)	Overall Height C	Swivel Plate Size (DXE)	Swivel Hole Center (FXG)	Fixed Plate Size (DXE)	Fixed Hole Center (FXG)	Offset (H)	Lock Offset (I)	Attaching Bolt Size	Load Capacity
125	50 x 2	185	175 x 140	140 x 105	175 x 140	140 x 105	58	220	12	1100
150	50 x 2	215	175 x 140	140 x 105	175 x 140	140 x 105	65	220	12	1500
200	50 x 2	260	175 x 140	140 x 105	175 x 140	140 x 105	75	220	12	2000
250	50 x 2	315	175 x 140	140 x 105	175 x 140	140 x 105	87	220	12	2000
150	75 x 2	230	250 x 200	210 x 160	250 x 200	210 x 160	85	235	16	2100
200	75 x 2	280	250 x 200	210 x 160	250 x 200	210 x 160	100	235	16	3600
250	75 x 2	330	250 x 200	210 x 160	250 x 200	210 x 160	101	235	16	4400
300	75 x 2	390	250 x 200	210 x 160	250 x 200	210 x 160	111	235	16	5600

WCIPUTD

Tread Material	Polyurethane
Core Material	Cast Iron
Bearings	Sealed Precision Ball Bearing
Temperature	-20°C and +80°C
Tread Hardness	70°±3° Shore D
Tread Option	Anti-Static / Conductive
Highlights	Noiseless Running, Low Rolling Resistance, Curved Tread, Abrasion Resistant, Non-Marking, Floor-Preserving, Non-Corrosive
Colour	Orange
Usage	Epoxy Coated & Smooth Cement Concrete Floors

WCIPUHA

Tread Material	Polyurethane
Core Material	Cast Iron
Bearings	Sealed Precision Ball Bearing
Temperature	-20°C and +85°C
Tread Hardness	93°±3° Shore A
Tread Option	Anti-Static / Conductive
Highlights	Noiseless Running, Low Rolling Resistance, Abrasion Resistant, Non-Marking, Floor-Preserving
Colour	Orange
Usage	Epoxy Coated & Smooth Cement Concrete Floors

WCIN

Material	Nylon 6 (Polymide)
Core Material	Cast Iron
Bearings	Sealed Precision Ball Bearing
Temperature	-40°C and +80°C
Tread Hardness	70°±5° Shore D
Tread Option	Anti-Static / Conductive
Highlights	Extreme High Load, Low Rolling Resistance, Non-Marking, Very Abrasion-Resistant, Impact-Resistant
Colour	White
Usage	Smooth Cement Concrete Floors, Internal Tar Roads of Plant

WNH

Material	Nylon 6 (Polymide)
Internal Core	Metal Bush
Bearings	Sealed Precision Ball Bearing
Temperature	-40°C and +80°C
Tread Hardness	70°±5° Shore D
Tread Option	Anti-Static / Conductive
Highlights	Extreme High Load, Low Rolling Resistance, Non-Marking, Very Abrasion-Resistant, Impact-Resistant
Colour	White
Usage	Smooth Cement Concrete Floors, Internal Tar Roads of Plant

WCIR

Material	Cast Iron
Bearings	Sealed Precision Ball Bearing
Temperature	-100°C and +600°C
Tread Hardness	180±22 HB
Highlights	Extreme High Load, Low Rolling Resistance, Non-Marking, Very High Abrasion-Resistant Impact-Resistant
Colour	D Gray
Usage	Ideal for Rough Surface and High Temperature

APEX

MATERIAL HANDLING EQUIPMENTS

Authorized Dealer

Manufactured By : Bharat Industrial Corporation Pvt. Ltd .