

# SERIES 96A



N/A



-40°C to +600°C



30 - 300mm



135 - 5080kg

## Steel, cast iron and nylon flanged and flat tread wheels

- Single flanged wheels and all steel wheels
- For use with I beams, parallel flanged I beams, standard channels and rails
- Heavier duty wheels for use where highest carrying capacities for the smallest wheel diameter is required
- Manual and some powered handling applications
- The first table offers a wheel complete with a threaded axle, two locking nuts and a grease nipple
- The second table offers a more robust single flange steel wheel with heavier carrying capacities
- Operating temperature subject to correct bearings and grease
- N.B. If wheels are subject to extreme applications or impact loading, contact our technical sales department

### Available Bore Types



Plain Bore



Ball Bearing



Roller Bearing

### Environments of Use

- Weak Acids
- Strong Acids
- Water
- Alcohol
- Weak Bases
- Strong Bases
- Hydrocarbons
- Solvents

### Uses

Intended mainly for static uses and for high carrying capacities. The model with plain bore is resistant to temperatures from -40°C to +400°C and is therefore particularly suitable for oven applications. To use a castor at temperatures above 100°C, the wheel needs to be fitted with a specific bracket for high temperature use.

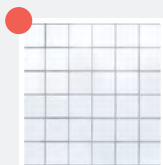
### Industries



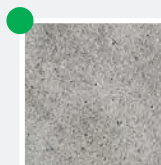
Cranes & Gantries

### Floor Suitability

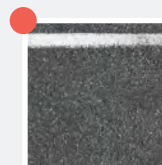
Suitable only for smooth and compact floors. Not suited for areas with obstacles. They may damage fragile floors.



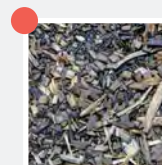
Tile



Cement-Resin



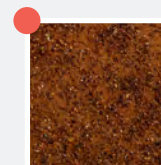
Asphalt



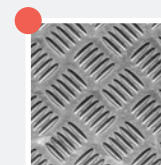
With Chips



With Obstacles



Not Paved



Expanded Metal

For technical help and advice contact

T: 01457 837772 E: sales@aut.co.uk

# SERIES 96A CONTINUED



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









135 - 5080kg

## SINGLE FLANGED STEEL WHEEL



Ball  
Bearing

 (mm)	 (mm)	 (mm)	 (mm)			 (daN)	 (kg)	 Radiused Tread (code)	 (kg)	 Flat Tread (code)
55/70.5	25/35	40	16	M16x1.5	10.5	400	0.50	<b>96A1100</b>	0.50	<b>96A3100</b>
80/100.5	25/35	52	24	M24x2	15.5	700	2.00	<b>96A1101</b>	2.00	<b>96A3101</b>
105/125.5	25/35	62	24	M24x2	15.5	800	2.80	<b>96A1102</b>	2.80	<b>96A3102</b>
133/160.5	35/47	63	30	M30x2	18.5	900	6.00	<b>96A1103</b>	6.00	<b>96A3103</b>
175/200.5	35/50	73	36	M36x3	20.5	1000	11.00	<b>96A1104</b>	11.00	<b>96A3104</b>












## SOLID MILD STEEL WHEEL



Roller  
Bearing










Ball  
Bearing

 (mm)	 (mm)	 (mm)	 (mm)	 (daN)	 (kg)	 (code)	 (kg)	 (code)	 (kg)	 Tapered roller bearing (code)
<b>50</b>	14	12	17	135	0.20	<b>96A0040</b>	-	-	-	-
<b>150</b>	50	20	48.3	1130	-	-	6.32	<b>96A0084</b>	-	-
<b>150</b>	55	31.7	53	2000	-	-	-	-	8.50	<b>69R0094</b>
<b>150</b>	63	31.7	61	2270	-	-	-	-	7.53	<b>69R0104</b>
<b>200</b>	55	31.7	53	2500	-	-	-	-	18.65	<b>69R0076</b>
<b>200</b>	85	50	81	5080	-	-	-	-	18.65	<b>69R0086</b>

## BALL BEARING SINGLE FLANGED STEEL WHEEL



Ball  
Bearing

 (mm)	 (mm)	 (mm)		 (mm)	 (daN)	 (kg)	 (code)
<b>150/175</b>	52	30	14	52	1500	7.20	<b>96A3124</b>
<b>200/230</b>	62	40	23	62	2500	15.5	<b>96A3126</b>
<b>250/290</b>	72	50	22	72	3000	28.0	<b>96A3128</b>
<b>300/340</b>	75	60	23	75	4000	40.8	<b>96A3129</b>

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## GROOVED CAST IRON WHEEL WITH BALL BEARINGS



Ball Bearing

 (mm)	 (mm)	 (mm)	Inside Flange (mm)	 (mm)	Bearing Facility (mm)	 (daN)	 (kg)	 (code)
100x24	24	15	18	45	35x11	300	0.92	69R0012
120x33	33	20	25	57	47x14	600	1.69	69R0013
150x33	33	20	25	61	47x14	800	2.65	69R0024
200x33	33	20	25	61	47x14	1000	4.20	69R0006










## SINGLE FLANGED CAST IRON WHEEL



Plain Bore



Ball Bearing

 (mm)	 (mm)	 (mm)	 (mm)	 (daN)	 (kg)	 (code)	 (kg)	 (code)
50/62	32	15	32	400	0.50	69R1100	0.50	69R2120
75/100	40	20	47	700	1.50	69R1101	1.50	69R2121
100/125	46	20	52	800	2.50	69R1102	2.50	69R2122
125/145	46	20	52	900	3.10	69R1103	3.10	69R2123
150/162	46	20	52	1000	-	-	3.60	69R2224
150/175	46	20	52	1000	3.60	69R1104	3.60	69R2124
180/210	48	20	52	1200	4.70	69R1105	4.70	69R2125
200/230	57	30	60	1500	7.70	69R1106	7.70	69R2126*
200/230	80	40	90	3000	-	-	7.70	69R2226
250/300	65	40	70	2000	12.20	69R1108	-	-
250/300	65	30	70	2000	-	-	12.20	69R2128
250/300	65	40	70	3000	-	-	12.20	69R2228

\*25mm Bore

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## POLYAMIDE 6 (NYLON) SINGLE FLANGE PLAIN BORE WHEEL



Plain Bore

 Tread/ Flange (mm)	Tread width with flange plate (mm)	Tread width without flange plate (mm)	 (mm)	 (mm)	 (daN)	 (code)
<b>030/050</b>	20	15	10	20	35	<b>GR201</b>
<b>035/050</b>	32	25	16	34	80	<b>GR202</b>
<b>040/055</b>	18	12	15	18	40	<b>GR203</b>
<b>050/070</b>	30	20	16	30	100	<b>GR204</b>
<b>050/065</b>	32	24	15	29	100	<b>GR205</b>
<b>062/080</b>	26	18	16	30	100	<b>GR206</b>
<b>087/108</b>	32	25	16	32	200	<b>GR207</b>
<b>100/120</b>	45	32	20	40	280	<b>GR208</b>
<b>120/150</b>	42	30	38	45	380	<b>GR209</b>