Moldon Rubber-Tired Wheels

These solid cushion rubber tires permanently molded onto iron wheel centers provide rugged, long wearing wheels that are widely used on industrial equipment. Tires have a thickness of about 1", and hardness of 70 Durometer (± 5, Shore A).

Moldons are standard with antifriction bearings—straight roller in all sizes, with choice of straight or tapered in most of the larger sizes. Pressure lubrication fittings come standard in the hubs (except 4" x 1½", 4" x 2" and 6" x 3"). Operating temperature range is -70° to 160° F.

The 5" wide sizes (12" x 5", 14" x 5", 16" x 5", 18" x 5" and 20" x 5") have centers designed with husky spokes and large hubs.

OPTIONAL EXTRAS *(more help on page 12)*

- **Wheel Bearing Seals**
- **Special Rubber Compounds**
  – Neoprene (oil and grease resistant).
  – Extra Hard (90 durometer).
- **Special Hub Length**
  – hubs can be cut to provide shorter length, spacer washers furnished to increase length.
- **Keyways, and/or set screws**
  – for locking wheels on shaft (plain bore).
- **Spanner Bushings**
  – select from page 90.

FEATURED WHEEL BEARINGS

Straight Roller Bearing: traditional anti-friction bearing, best for manual applications where shock loading (but no side thrust) is prevalent.

Tapered Roller Bearings: best for most severe heavy duty and power-towed applications

#W-820-R-3/4

PRONTO® SAME DAY SHIPMENT!

★ = same day/next day ***PRONTO***® shipment.

R Series Selection Table

Dia.	Face	Hub Length	Cap. Lbs.✶	Plain Bore		Straight Roller Bearings		Tapered Roller Bearings		Hub Outside Dia.	Wt. Lbs.
				Hamilton Model No.	Bore Sizes	Hamilton Model No.	Bearing Sizes	Hamilton Model No.	Bearing Sizes		
4	1½•	1¾	200	★ W-415-RL-1 3/16	1 3/16	★ W-415-R-	½-⅝-¾	X	X	1⅝	2½
	2•	2¼	300	★ W-420-RL-1 3/16	1 3/16	★ W-420-R-	½-⅝-¾	X	X	1¾	3½
5	1½•	1⅝	240	★ W-515-RL-1 3/16	1 3/16	★ W-515-R-	½-⅝-¾	X	X	2¼	2¾
	2•	2¼	350	★ W-520-RL-1 3/16	1 3/16	★ W-520-R-	½-⅝-¾	X	X	1½	3¾
6	1½•	1¾	280	★ W-615-RL-1 3/16	1 3/16	★ W-615-R-	½-⅝-¾	X	X	1¾	3¾
	2	2¼	410	★ W-620-RL-	1 3/16-1 7/16	★ W-620-R-	½-⅝-¾-⅞-1	W-620-RT-¾	¾	1⅝ or 2¼	4½
	2½•	3¼	540	★ W-625-RL-1 15/16	1 15/16	★ W-625-R-	1-1¼	W-625-RT-	¾-1	2½	9¾
	3•	3¼	680	★ W-630-RL-1 15/16	1 15/16	★ W-630-R-	1-1¼	X	X	2⅜	11½
7	2	2¼	450	★ W-720-RL-	1 3/16-1 7/16	W-720-R-	½-⅝-¾-⅞-1	W-720-RT-¾	¾	2 or 2¼	6
8	2	2¼	500	★ W-820-RL-	1 3/16-1 7/16	★ W-820-R-	⅝-¾-⅞-1	W-820-RT-¾	¾	1¾ or 2¼	7
	2½	3¼	670	★ W-826-RL-1 15/16	1 15/16	★ W-826-R-	1-1¼	W-826-RT-	¾-1	3	9½
	3	3¼	840	★ W-830-RL-1 15/16	1 15/16	★ W-830-R-	1-1¼	W-830-RT-	¾-1-1¼	2 15/16	15¼
9	2•	2¼	570	★ W-920-RL-	1 3/16-1 7/16	W-920-R-	⅝-¾-⅞-1	W-920-RT-¾	¾	2⅜	9½
	2½	3¼	750	★ W-925-RL-	1 15/16	W-925-R-	¾-1-1¼	W-925-RT-	¾-1-1¼	3⅜	13
10	2½•	3¼	790	★ W-1025-RL-	1 15/16-2 3/16	★ W-1025-R-	1-1¼	W-1025-RT-	¾-1-1¼	2⅜	12¾
	3•	3¼	1000	★ W-1030-RL-	1 15/16-2 3/16	★ W-1030-R-	1-1¼	W-1030-RT-	¾-1-1¼	2½	15½
	4•	4¼	1400	★ W-1040-RL-1 15/16	1 15/16	W-1040-R-	1-1¼	W-1040-RT-1¼	1¼	3	33
12	2	2¾	690	★ W-1220-RL-1 3/16	1 3/16	★ W-1220-R-1	1	X	X	2⅛	12
	2½	2¾	900	★ W-1225-RL-1 3/16	1 3/16	★ W-1225-R-1	1	X	X	2⅛	17
	2½	3¼	900	★ W-1226-RL-1 15/16	1 15/16	W-1226-R-	1-1¼	W-1226-RT-	¾-1-1¼	2 15/16	20
	3	3¼	1140	★ W-1230-RL-	1 15/16-2 3/16	★ W-1230-R-	1-1¼	W-1230-RT-	¾-1-1¼	2⅝	20
	3½	4¼	1370	★ W-1235-RL-2 3/16	2 3/16	W-1235-R-	1-1¼-1½	W-1235-RT-1¼	1¼	3¼	27
	4	4¼	1600	★ W-1240-RL-2 3/16	2 3/16	W-1240-R-	1-1¼-1½	W-1240-RT-1¼	1¼	3 3/16	30
	5	5¼	2050	★ W-1250-RL-2 7/16	2 7/16	W-1250-R-	1¼-1½	W-1250-RT-	1¼-1½	4	53
14	3	3¼	1280	★ W-1430-RL-1 15/16	1 15/16	W-1430-R-	1-1¼	W-1430-RT-	¾-1-1¼	3¼	33
	5	5¼	2300	★ W-1450-RL-2 7/16	2 7/16	W-1450-R-	1¼-1½	W-1450-RT-	1¼-1½	4	64
16	3	3¼	1420	★ W-1630-RL-1 15/16	1 15/16	W-1630-R-	1-1¼	W-1630-RT-	¾-1-1¼	3 3/16	31
	4•	4¼	1990	★ W-1640-RL-2 7/16	2 7/16	W-1640-R-	1¼-1½	X	X	3⅜	50
	5	5¼	2570	★ W-1650-RL-2 7/16	2 7/16	W-1650-R-	1¼-1½-1¾-2	W-1650-RT-	1¼-1½	4¼	79
18	3	3¼	1550	★ W-1830-RL-1 15/16	1 15/16	W-1830-R-	1-1¼	W-1830-RT-	¾-1-1¼	3¼	40
	5	5¼	2800	★ W-1850-RL-2 7/16	2 7/16	W-1850-R-	1¼-1½-1¾-2	W-1850-RT-	1¼-1½	4¼	86
20	3	4¼	1680	★ W-2030-RL-2 3/16	2 3/16	W-2030-R-	1-1¼-1½	W-2030-RT-1¼	1¼	3¼	66
	5	5¼	3020	★ W-2050-RL-2 7/16	2 7/16	W-2050-R-	1¼-1½-1¾-2	W-2050-RT-	1¼-1½	4¼	100

Many sizes have solid web center – see table footnote.

***To order, add bore or bearing size to Hamilton number. Example:* W-826-R-1.**

✶ Capacity ratings shown are those of The Institute of Caster Manufacturers, for speeds of 3 m.p.h.
• These wheels have solid metal centers (no spokes); others are spoke-type.