

PHENOLIC (PH)

Capacities to 8,000 lbs.



PH62R-12

APPLICATIONS:

Combining high capacity and relatively low cost, phenolic wheels are among the most popular.

Suitable for a broad range of applications, they are used extensively in bakeries, smoke house operations, and food processing environments.



PH514R-08

Standard Features

- **Composition** - Phenolic resin compound molded with macerated canvas under extreme pressure
- **High Capacity Yet Floor Protective**
- **Resistant To Shock Or Impact**
- **Temperature Range Of 65° to 250°F (intermittent to 300°F)**
- **Resistant To Oils, Water, Mild Acids And Alkali Solutions**
- **Sealed Washers** - On all 1 1/2" and 2" wide wheels with roller bearing
- **Extremely Low Rolling Resistance**

Optional Features

- **Roller Bearing Seals** - (Suffix -SW)
- **Zerk Fittings** - (Suffix -ZF)
- **High Temperature Compound** - (change PH to HT, example: HT42R-12) for 475°F continuous or 525°F intermittent use

Dia. Inches (mm)	Face Inches (mm)	Hub Length Inches (mm)	Load Capacity lbs. (KGS)	Wt. lbs. (KGS)	Plain Bore or Bore Less Roller Bearing		Roller Bearing		Delrin Bearing	
					Part No.	Sizes	Part No.	Sizes	Part No.	Sizes
3 (76)	1 1/4 (32)	1 3/8 (35)	300 (135)	.5 (.20)	PH314P-06	—	PH314R-08	1/2	—	—
3 1/4 (83)	1 1/2 (38)	1 5/8 (41)	600 (270)	.7 (.30)	PH31-19	1 3/16	PH31R-12	1/2, 5/8, 3/4	PH31D-12	1/2, 5/8, 3/4
	2 (50)	2 3/16 (56)	600 (270)	.75 (.30)	PH32-19	1 3/16	PH32R-12	1/2, 5/8, 3/4	PH32D-12	1/2, 5/8, 3/4
3 1/2 (89)	1 1/4 (32)	1 3/8 (35)	300 (135)	.6 (.25)	PH35-17	1 1/16	PH35R-08	1/2	—	—
4 (102)	1 1/4 (32)	1 3/8 (35)	300 (135)	.75 (.35)	PH414-17	1 1/16	PH414R-08	1/2	—	—
	1 1/2 (38)	1 5/8 (41)	600 (270)	1.0 (.45)	PH41-19	1 3/16	PH41R-12	1/2, 5/8, 3/4	PH41D-12	1/2, 5/8, 3/4
	1 5/8 (41)	1 15/16 (49)	500 (225)	1.0 (.45)	—	—	PH415R-10	5/8	—	—
	2 (50)	2 3/16 (56)	800 (360)	1.5 (.70)	PH42-19	1 3/16	PH42R-12	1/2, 5/8, 3/4	PH42D-12	1/2, 5/8, 3/4
5 (127)	1 1/4 (32)	1 3/8 (35)	300 (135)	1.3 (.70)	PH514-17	1 1/16	PH514R-08	1/2	—	—
	1 1/2 (38)	1 5/8 (41)	600 (270)	1.5 (.70)	PH51-19	1 3/16	PH51R-12	1/2, 5/8, 3/4	PH51D-12	1/2, 5/8, 3/4
	2 (50)	2 3/16 (56)	1000 (450)	1.75 (.80)	PH52-19	1 3/16	PH52R-12	1/2, 5/8, 3/4	PH52D-12	1/2, 5/8, 3/4
6 (152)	1 1/2 (38)	1 5/8 (41)	800 (360)	1.5 (.70)	PH61-19	1 3/16	PH61R-12	1/2, 5/8, 3/4	PH61D-12	1/2, 5/8, 3/4
	2 (50)	2 3/16 (56)	1200 (540)	2.5 (1.1)	PH62-19	1 3/16	PH62R-12	1/2, 5/8, 3/4	PH62D-12	1/2, 5/8, 3/4
	2 1/2 (63)	2 3/4 (70)	1500 (675)	4.0 (1.8)	PHS625-19	1 3/16	PHS625R-12	5/8, 3/4	PHS625D-12	1/2, 5/8, 3/4
	2 1/2 (63)	2 3/4 (70)	1600 (720)	4.3 (1.9)	PHS625-31	1 15/16	PHS625R-16	1, 1 1/4	PHS625D-16	1, 1 1/4
	2 1/2 (63)	3 1/4 (83)	1600 (720)	4.3 (1.9)	PH625-31	1 15/16	PH625R-16	1, 1 1/4	PH625D-16	1, 1 1/4
	3 (76)	3 1/4 (83)	2000 (900)	5.0 (2.3)	PH63-31	1 15/16	PH63R-16	1, 1 1/4	PH63D-16	1, 1 1/4
7 (178)	3 (76)	3 1/4 (83)	2200 (990)	6.5 (2.9)	PH73-31	1 15/16	PH73R-16	1, 1 1/4	PH73D-16	1, 1 1/4
8 (203)	2 (50)	2 3/16 (56)	1400 (630)	4.0 (1.8)	PH82-19	1 3/16	PH82R-12	1/2, 5/8, 3/4	PH82D-12	1/2, 5/8, 3/4
	2 1/2 (63)	2 3/4 (70)	1600 (720)	5.3 (2.4)	PHS825-19	1 3/16	PHS825R-12	5/8, 3/4	PHS825D-12	1/2, 5/8, 3/4
	2 1/2 (63)	2 3/4 (70)	1800 (810)	5.7 (2.6)	PHS825-31	1 15/16	PHS825R-16	1, 1 1/4	PHS825D-16	1, 1 1/4
	2 1/2 (63)	3 1/4 (83)	2000 (900)	6.3 (2.8)	PH825-31	1 15/16	PH825R-16	1, 1 1/4	PH825D-16	1, 1 1/4
	3 (76)	3 1/4 (83)	2500 (1125)	7.0 (3.2)	PH83-31	1 15/16	PH83R-16	1, 1 1/4	PH83D-16	1, 1 1/4
10 (254)	2 1/2 (63)	2 3/4 (70)	1600 (720)	7.0 (3.2)	PHS1025-19	1 3/16	PHS1025R-12	5/8, 3/4	PHS1025D-12	1/2, 5/8, 3/4
	2 1/2 (63)	2 3/4 (70)	1800 (810)	7.5 (3.4)	PHS1025-31	1 15/16	PHS1025R-16	1, 1 1/4	PHS1025D-16	1, 1 1/4
	2 1/2 (63)	3 1/4 (83)	2500 (1125)	7.8 (3.5)	PH1025-31	1 15/16	PH1025R-16	1, 1 1/4	PH1025D-16	1, 1 1/4
	3 (76)	3 1/4 (83)	2600 (1170)	9.7 (4.4)	PH103-31	1 15/16	PH103R-16	1, 1 1/4	PH103D-16	1, 1 1/4

Dia. Inches (mm)	Face Inches (mm)	Hub Length Inches (mm)	Load Capacity lbs. (KGS)	Wt. lbs. (KGS)	Plain Bore or Bore Less Roller Bearing		Roller Bearing		Delrin Bearing	
					Part No.	Sizes	Part No.	Sizes	Part No.	Sizes
12 (305)	2 1/2 (63)	2 3/4 (70)	1800 (810)	11.3 (5.1)	PHS1225-31	1 15/16	PHS1225R-16	1, 1 1/4	PHS1225D-16	1, 1 1/4
	2 1/2 (63)	3 1/4 (83)	3000 (1350)	11.8 (5.3)	PH1225-31	1 15/16	PH1225R-16	1, 1 1/4	PH1225D-16	1, 1 1/4
	3 (76)	3 1/4 (83)	3500 (1575)	12.8 (5.8)	PH123-31	1 15/16	PH123R-16	1, 1 1/4	PH123D-16	1, 1 1/4
	3 1/2 (89)	4 1/4 (108)	4000 (1800)	23.5 (10.6)	PH1235-39	2 7/16	PH1235R-20	1 1/4, 1 1/2	—	—
16 (406)	3 (76)	4 1/4 (108)	4000 (1800)	25.0 (11.3)	PH163-39	2 7/16	PH163R-20	1 1/4, 1 1/2	—	—
	3 1/2 (89)	4 1/4 (108)	6000 (2700)	30.5 (13.7)	PH1635-39	2 7/16	PH1635R-20	1 1/4, 1 1/2	—	—
	4 (102)	5 1/4 (133)	8000 (3600)	36.0 (16.2)	PH164-39	2 7/16	PH164R-20	1 1/4, 1 1/2	—	—
18 (457)	3 (76)	3 1/4 (83)	3500 (1575)	24.0 (10.8)	PH183-31	1 15/16	PH183R-16	1, 1 1/4	PH183D-16	1, 1 1/4

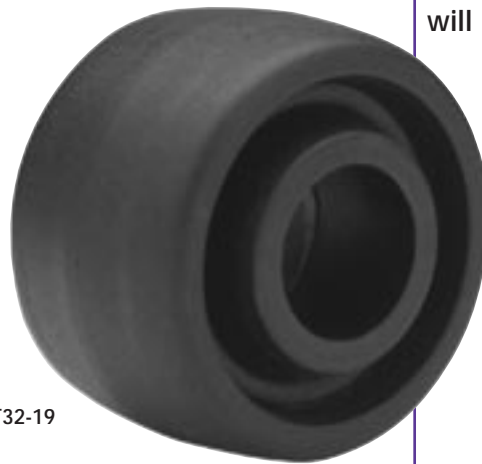
Note: Standard bearing size is called out in last two digits of part number in sixteenths (ie. PH62R-12 = 3/4" bearing, PH62R-10 = 5/8" bearing). For smaller bore refer to spanner bushings in component parts selection (page 102).

REINFORCED THERMOPLASTIC (RT)

Capacities to 1,400 lbs.

Standard Features

- **Composition** - Reinforced Thermoplastic
- **Temperature Range** Of -20° to 250°F
- **Resists Shock and Impact Loads**
- **Low Rolling Resistance**
- **Optional Sealed Precision Ball Bearing**



RT32-19

APPLICATIONS:

Like Phenolic Wheels, high resistance to shock and impact loads. Suitable for food processing environments. Resists caustics and chemical will not absorb water.

Dia. Inches (mm)	Face Inches (mm)	Hub Length Inches (mm)	Load Capacity lbs. (KGS)	Wt. lbs. (KGS)	Plain Bore or Bore Less Roller Bearing		Roller Bearing		Delrin Roller Bearing	
					Part No.	Sizes	Part No.	Sizes	Part No.	Sizes
3 (76)	1 13/16 (46)	2 3/16 (56)	700 (315)	1.1 (.5)	RT32-19	1 3/16	RT32R-12	3/4	RT32D-12	1/2, 5/8, 3/4
4 (102)	2 (50)	2 3/16 (56)	800 (360)	2.0 (.9)	RT42-19	1 3/16	RT42R-12	3/4	RT42D-19	1/2, 5/8, 3/4
5 (127)	2 (50)	2 3/16 (56)	1000 (450)	2.8 (1.3)	RT52-19	1 3/16	RT52R-12	3/4	RT52D-19	1/2, 5/8, 3/4
6 (152)	2 (50)	2 3/16 (56)	1200 (540)	3.0 (1.4)	RT62-19	1 3/16	RT62R-12	3/4	RT62D-19	1/2, 5/8, 3/4
8 (203)	2 (50)	2 3/16 (56)	1400 (630)	3.5 (1.6)	RT82-19	1 3/16	RT82R-12	3/4	RT82D-19	1/2, 5/8, 3/4

Note: Standard bearing size is called out in last two digits of part number in sixteenths (ie. RT62R-12 = 3/4" bearing, RT62R-10 = 5/8" bearing). For smaller bore refer to spanner bushings in component parts selection.