TIMKEN® BALL BEARING PILLOW BLOCK GREASE

Lubricating Grease

Part Numbers

GR220C	400 g (14 oz) cartridge
GR220P	16 kg (35.3 lb) pail
GR220K	55 kg (121.3 lb) keg
GR220D	180 kg (400 lb) drum

Product Description and Intended Use

TIMKEN Ball Bearing Pillow Block Grease is a NLGI No. 2 shear stable polyurea thickened grease specifically designed for the lubrication of moderate to high speed ball bearings in pillow block applications. TIMKEN Ball Bearing Pillow Block Grease is also recommended for the lubrication of high speed ball bearings in applications such as alternators, generators, starters, electric motors and other long life applications.

Product Application

TIMKEN Ball Bearing Pillow Block Grease can be applied from ambient temperatures of - 30° F to + 325° F (- 34° C to + 163° C) depending on lubrication system design and method of application. TIMKEN Ball Bearing Pillow Block Grease has an operating range of - 40° F to + 325° F (- 40° C to + 163° C) once in the application. Follow equipment manufacturer's recommendations concerning lubrication frequencies.

Compatibility of Grease

TIMKEN Ball Bearing Pillow Block Grease is generally compatible with calcium sulfonate, polyurea, lithium soap, and lithium complex thickened greases. Timken recommends that all grease be removed from the application prior to changing greases. Then the lubrication interval is reduced by half for the first lubrication cycle before resuming the normal lubrication interval.

Handling and Storage

Store in a dry area away from heat and open flame. See Material Safety Data Sheet for more information.

Shipping and Disposal Information

Follow governmental regulations pertaining to the shipping and disposal of this product. Do not reuse container after use. See Material Safety Data Sheet for more information.

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Product Specifications – Typical

Color	Blue
NLGI Grade	No. 2
Thickener Type	Polyurea
Penetration, Unworked ASTM D 217	255
Penetration, Worked 60 Strokes, ASTM D 217	271
Penetration Change, 100000 Strokes, ASTM D 217	+/- 30
Wheel Bearing, ASTM D 1263	5 Grams Max.
Dropping Point, ASTM D 2265	268° C
Oxidation Stability, ASTM D 942, 100 hours at 99° C	1 psi
Four-Ball Wear, ASTM D 2266, 40 kg, 1200 RPM, 75°C, Scar mm	0.43 Max.
Four-Ball EP, Weld Point, ASTM D 2596, kgf	400 Min.
Timken OK Load, ASTM D 2509, Pounds	45
Copper Strip Corrosion, ASTM D 4048	1b
Corrosion Preventive Properties, ASTM D 1743	Pass
Oil Separation, ASTM D 1742	0.1 %
Base Fluid Properties:	
Viscosity @ 100° C, ASTM D 445, Centistokes	16.3
Viscosity @ 40° C, ASTM D 445, Centistokes	125.8
Viscosity Index	139
Pour Point, ASTM D 97	- 20° C
Flash Point, ASTM D 92	250° C