

LUBRICATION FREE

REQUIRE LUBRICATION

CIP COMPOSITE BEARINGS



Composite

Metric & English bearings & washers

Standard sizes & custom machining

High load
Moderate speed

Shaft type:
Hardened, chromed, stainless, mild steel

Motion Types:
Slow rotary, Linear, Pivot

Operating temp:
Varies by grade

Chemical resistant

Electrically insulating

MARINE & HYDRO BEARINGS AVAILABLE

RULON BEARINGS



Filled P.T.F.E.

Metric & English bearings & washers

Standard sizes & custom machining

Moderate load
Moderate speed

Shaft type:
Hardened

Motion Types:
Moderate rotary, Linear

Operating temp:
-400/+550

Chemically inert

Electrically insulating

CJ BEARINGS



Composite

Metric & English bearings & washers

Standard sizes

High load
Slow speed

Shaft type:
Hardened, chromed

Motion Types:
Short linear, Heavy pivot

Operating temp:
-320/+350

Chemical resistant

Electrically insulating

FCJ BEARINGS



Composite / P.T.F.E.

Metric & English bearings

Standard sizes & Precision series

Moderate load
Moderate speed

Shaft type:
Hardened, chromed, stainless, mild steel

Motion Types:
Average rotary, Linear, Pivot

Operating temp:
-320/+350

Chemical resistant

Electrically insulating

CONVEYOR FRICTION ROLLERS



Powered Metal

Round or Hex ID

Standard sizes

Heavy load
Slow speed

Shaft type:
Hardened

Motion Types:
Slow rotary

One & Three Piece Roller Units

BRONZE BEARINGS



SAE 660 Bronze
Aluminum Bronze
C86300 BRONZE

English bearings & washers

Standard sizes & custom machining

Heavy load
Moderate speed

Shaft type:
Hardened, chromed

Motion Types:
Rotary, Linear, Pivot

Bronze Bearings available with SOLID LUBRICANT PLUGS

Check with Welker for materials designed for high temperature or corrosive applications.

WELKER
ENGINEERED PRODUCTS

(248) 528-2020 FAX: (248) 528-0920
www.welkerproducts.com

CIP BEARINGS

Maximum PV	25,000
Tensile strength (psi)	10,000
Compressive strength (psi)	35,000
Available Sizes	3/4" ID - 5" ID STD. Special diameters available to 54 inches. For diameters under 3/4" please call Welker

RULON BEARINGS

Temperature - Operating	-400 / + 550°F
Maximum PV	10,000
Maximum V (SFM)	400
Shaft hardness - Min.	Rc 35
Shaft RMS	8-24
Shaft Material	Steel
Maximum P (PSI)	1,000

CJ BEARINGS

Temperature - Operating	-320 / + 350°F
Maximum PV	30,000
Maximum V (SFM)	150
Shaft hardness - Min.	Rc 50
Shaft RMS	8-16
Shaft Material	Steel
Maximum P (PSI)	35,000

FCJ/PRECISION FCJ BEARINGS

Temperature - Operating	-320 / + 350°F
Maximum PV	35,000
Maximum V (SFM)	500
Shaft hardness - Min.	Rc 25
Shaft RMS	8-16
Shaft Material	Steel
Maximum P (PSI)	1,000