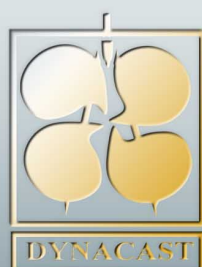




ISO
9001 : 2008



DYNAMIC CASTINGS

Makers of quality non-ferrous metal castings since 1968



SUGAR



MINING



CEMENT



FOOD & BEVERAGE



WOOD & PAPER



MARINE



POWER

www.dynacast.ph

COMPANY PROFILE

• DYNAMIC TRACK RECORD

For over 45 years, Dynamic Castings (DYNACAST), an ISO 9001:2008 CERTIFIED company has established itself as the country's industry leader in the field of non ferrous metal castings serving the country's major industries: SUGAR, CEMENT, WOOD, FOOD & BEVERAGE, FISHING, SHIPPING, TRANSPORT, and POWER GENERATION. International confidence in Dynacast products are reflected in its products being exported through dealership agreements with partners in the Middle East, Europe, Australia, parts of Asia, and North America.

• DYNAMIC PERFORMANCE

QUALITY, RELIABILITY, and EFFICIENCY – these are the principles which molds each and every Dynacast product. Dynacast's top quality metal castings are guaranteed to conform to international standards and have passed the strict criteria of leading international classification societies.

Dynacast understands the cost of compromised production schedule and equipment breakdown. With its HIGH STRENGTH and HIGH EFFICIENCY metal castings, clients can be assured of smooth and uninterrupted production operations and great savings on equipment maintenance and upkeep.

• DYNAMIC TECHNOLOGY

Dynacast's high quality products are a result of the company's continuous efforts to upgrade its equipment and technology, substantive investment in research and development, and constant training for its highly skilled workforce.

Dynacast's induction furnaces, the latest in melting technology, are available in a wide range of tonnage capacities enabling better flexibility in accommodating customer requirements. By also operating its own sand reclaimers and machining equipment the company is able to obtain a high level of production capacity at a lower cost, closely guard its products' quality, and achieve excellent precision machining capabilities.

Dynacast's laboratory also boasts of the most advanced testing and calibrating equipment including a Shimadzu Universal Testing Machine, Spectrolab Metal Analyzer, Schenck Dynamic Balancing Machine, and King Brinell Hardness tester.

• DYNAMIC SERVICE

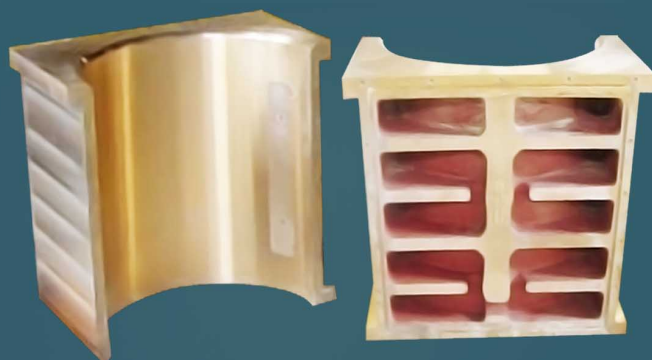
Dynacast is committed to providing its clients with excellent and personalized service from pre-sales consultation to aftersales service. It takes pride in its ability to deliver accurate and reliable propeller sizing, calculation, computation, and design as well as provide consultation prior to sales. Taking advantage of its strategic location, headquartered in the Visayas with branches in Luzon and Mindanao, Dynacast takes pride in providing its valued clients fast delivery, thus reducing lead times and avoiding delays in production schedules.

With heightened environmental awareness and the scarcity of raw materials, Dynacast also provides its clients with the eco-friendly option of offsetting their worn out castings allowing them to recycle and considerably save on cost.

• DYNAMIC GUARANTEE

The chemical composition and physical properties of ALL Dynacast products are guaranteed to conform to the Society of Automotive Engineers (SAE) 64 and American Society for Testing and Materials (ASTM) standards, with Mill Testing Certificate, and free from injurious casting defects.

MILL ROLLER BEARINGS



MILL JOURNAL BEARING for WALKER MILL

Material:
SAE 67

Size:
620mm Flange x 500mm Body x 510mm ID x
610mm OAL

Weight:
366 kls. Hydrotested @ 40 PSI



MILL JOURNAL BEARING

Material:
SAE 67

Size:
635mm Flange x 583mm Body x 515mm ID
x 660mm OAL

Weight:
352 kls.

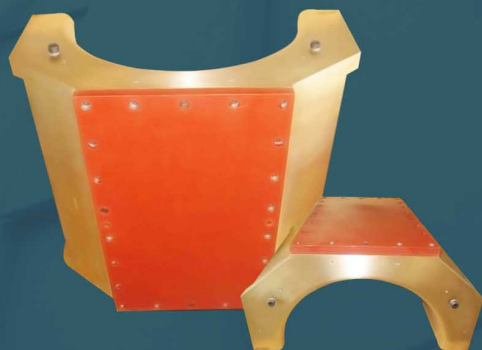


WATER COOLED TOP JOURNAL BEARING

Material:
C.M. Lovested Tiger Bronze SAE 67

Size:
685mm Flange x 620mm Body x 460mm ID
x 617mm OAL

Weight:
366 kls./have Hydrotested @ 40 PSI



MILL BEARING

Material:
SAE 62

Size:
730mm Length x 660mm Width
x 350mm Height x 535.5mm ID

Weight:
480 kls./halve

MILL ROLLER BEARINGS



TOP ROLL BEARING LINER

Material:
SAE 63

Size:
25" Flange x 21" Body x 19" ID
x 28" OAL

Weight:
147 kls. Hydrotested @ 40 PSI

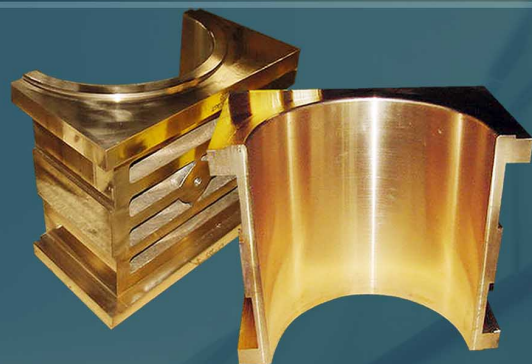


TOP ROLLER, UPPER HALF PINTLE SIDE

Material:
SAE 67

Size:
650mm Length x 600mm Width
x 250mm ID

Weight:
794 kls./halve Hydrotested @ 40 PSI

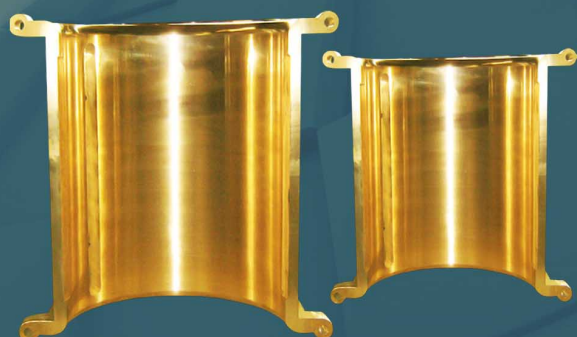


TOP ROLL JOURNAL BEARING

Material:
SAE 67

Size:
410mm Flange x 310mm ID
x 345mm OAL

Weight:
95 kls/halve Hydrotested @ 2 kg



BEARING HALF TOP ROLLER

Material:
SAE 63

Size:
585mm Flange x 540 mm Body x 48.6 mm ID x
657.22 AOL

Weight:
432.5 kls/halve Hydrotested @ 2 kg

CHAIR LINERS



MILL ROLLER JOURNAL BEARING

Material:
SAE 67

Size:

598mm FOD x 530mm BOD x 460mm
ID x 617mm OAL

Weight:

159 kls. / halve



BOTTOM ROLL BEARING LINER

Material:
SAE 67

Size:

580mm FOD x 520mm BOD x 455mm ID
x 620mm OAL

Weight:

147 kls



BOTTOM BEARING LINER OF MILL FEED & GEAR SIDE

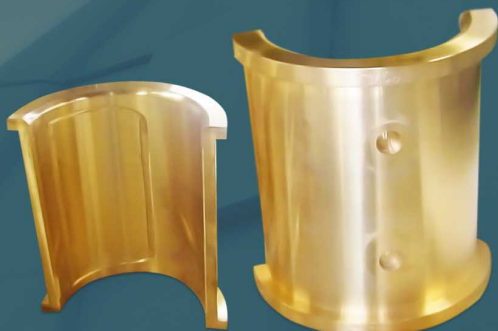
Material:
SAE 63

Size:

24-1/2" FOD x 22" BOD x 19.035" ID
x 28" OAL

Weight:

200 kls



MILL TOP ROLL BEARING LINER

Material:
SAE 63

Size:

25 7/8" FOD x 22.535" BOD
x 19.035" ID x 28" OAL

Weight:

260 kls.

TRAVELING GRATES



BIGELOW TRAVELING GRATE (Split Type)

Material:
Aluminum Bronze 9D, Copper Alloy
C95500; ASTM B505, ASTM B271

Size:
5" OD x 4" ID x 6" L

Weight:
6.0 kls/set of 2 halves

CROFT LINERS



BOTTOM ROLL LINER for Walker Mill

Material:
SAE 67

Size:
25" FOD x 23" BOD x 21" ID x 25" OAL

Weight:
133 kls.



TOP ROLLER JOURNAL BEARING

Material:
SAE 67

Size:
650mm FOD x 584mm BOD x
533.4mm ID x 660.4mm OAL

Weight:
145 kls./halve

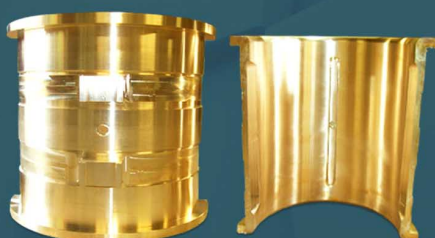


CROFT GEAR LINER

Material:
SAE 67

Size:
19" FOD x 16 3/4" BOD x 14" OD x 16" OAL

Weight:
90.50 kls/halve



SPLIT BEARING LINER ASSEMBLY for Pillow Block Bearing Final Motion

Material:
SAE 67

Size:
20 3/8" FOD x 19" BOD x 16.80" ID
x 20" OAL

Weight:
110 kls/halve

PISTON LINERS



PISTON SEGMENT

Material:

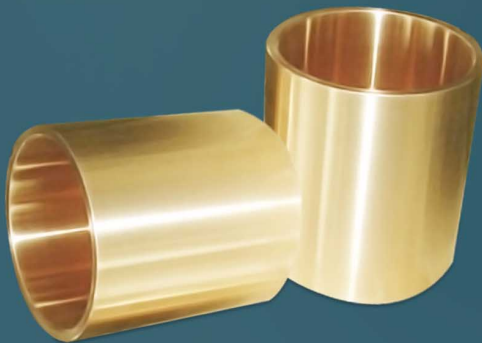
SAE 63

Size:

300mm OD x 272mm ID x 330mm L

Weight:

46.50 kls.



HYDRAULIC PISTON LINER for FARREL MILL

Material:

SAE 67

Size:

16 3/4" OD x 15" ID x 18 5/16 Length

Weight:

114.50 kls

PUMP IMPELLERS



CENTRIFUGAL PUMP Multi- Stage Close Type Assembly

with Diffuser & Wearing Ring for 4HMT
Fabrication, Dynamically Balance @ 1800 RPM

Material:

SAE 62

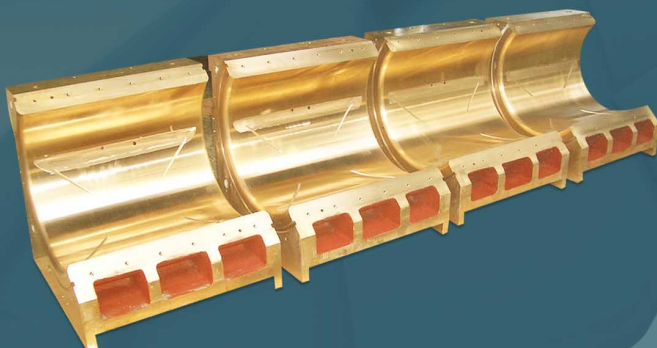
Size:

24.25" OD x 1.8 face width

Weight:

20.5 kls/ set

MILL BEARINGS



BEARING, BOTTOM ROLLER DISCHARGE PINTLE/PINION SIDE

Material:

SAE 67

Size:

630mm Length x 600mm Width
x 500mm ID

Weight:

651 kls/halve Hydrotested @ 40 PSI



UPPER SEALING RING FOR TURBINE FRANCIS

Material:

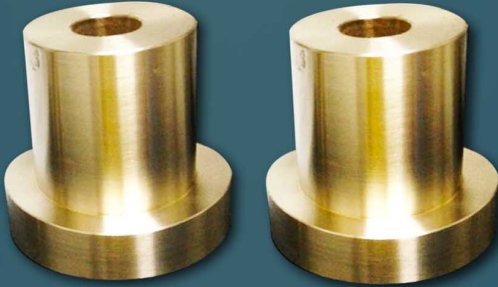
Nickel Aluminum Bronze AlBC3

Size:

1410mm OD x 1337mm ID x 60mm Thickness

Weight:

68 kls



STEM NUT

Material:

Alloy 9C/C95400HT-B

Size:

5.1" FOD x 1.6" Flange Thickness x 3.625" BOD x
1.5" ID x 5.980" Over All Length

Weight:

8.1 kls

Food & Beverage Industry



SPUR GEAR FOR BOTTLE WASHER

Material:

SAE 65

Size:

647mm OD x 491mm ID x 82.50 thk

Weight:

145 kls



GEAR BLANKS

Material:

Nickel Aluminum Bronze

Size:

425mm OD x 238mm ID x 58mm Thk

Weight:

35 kls.



WORM GEAR BLANKS

Material:

Manganese Bronze

Size:

351mm OD x 255mm ID x 54.5mm thk

Weight:

28 kls.



SOCKET LINER for 7' SYMON'S CRUSHER

Material:
SAE 64

Size:
53 1/8" OD x 10 1/2" height

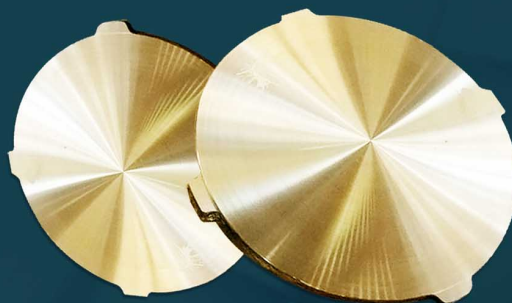
Weight:
399 kls.

PLATE STEP BEARING, LOWER for 7' SYMON'S CRUSHER

Material:
SAE 64

Size:
574mm OD x 18.87mm thk

Weight:
47 kls.



ECCENTRIC WEARING PLATE for 54" GYRATORY CRUSHER

Material:
SAE 64

Size:
45 7/8" OD x 35 7/8" ID x 1.5" thk

Weight:
127 kls.

BOTTOM SHELL BUSHING for 54" GYRATORY CRUSHER

Material:
SAE 64

Size:
38.75" OD x 36.105" ID x 36" L

Weight:
625 kls.



CENTRIFUGAL PUMP

Multi-Stage Close Type Assembly
with diffuser & Wearing Ring for 4HMT
Fabrication, Dynamically Balance @ 1800 RPM

Material:
SAE 62

Size:
24.25" OD x 1.8 face width

Weight:
20.5 kls/set

CENTRIFUGAL PUMP MULTI-STAGE CLOSE TYPE ASSEMBLY

with DIFFUSER & WEARING RING for 4HMT
fabrication, Dynamically Balanced @ 1800RPM

Material:

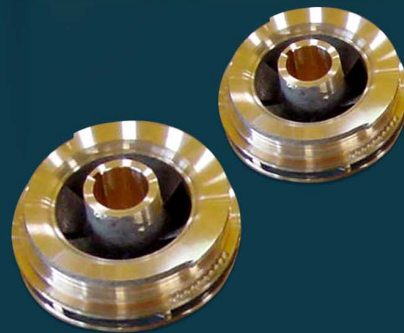
SAE 62

Size:

24.25" OD x 1.8 face width

Weight:

20.5 kls./set



PISTON WEARING PLATE for HYDROCONE & GYRATORY CRUSHER

Material:

SAE 64

Size:

558.80mm OD x 203.20mm ID
x 50.80mm thk

Weight:

88 kls.

BUSHING COUNTER SHAFT for 7' SYMON'S CRUSHER

Material:

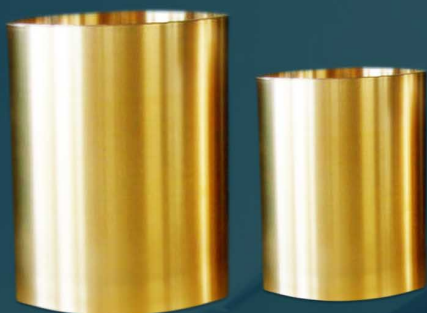
SAE 64

Size:

12" FOD x 5/8" Flange Thickness x 7 3/4" BOD
x 6.52" ID x 18" OAL

Weight:

50 kls.



INNER ECCENTRIC BUSHING for 84" HYDROCONE CRUSHER

Material:

SAE 64

Size:

24.60" OD x 21.40" ID x 36" Length

Weight:

630 kls.

MAINSHAFT STEP for HYDROCONE CRUSHER

Material:

SAE 64

Size:

546.10mm OD x 203.20mm ID x 57.91mm thk

Weight:

93 kls.



Mining Industry

ISO 9001:2008



DYNACAST

INNER ECCENTRIC BUSHING for 7' SYMON'S CRUSHER

Material:
SAE 67

Size:
20 1/8" OD x 18" ID x 56 3/8" L

Weight:
350 kls.



OUTER ECCENTRIC BUSHING for 7' SYMON'S CRUSHER

Material:
SAE 67

Size:
26 5/8" OD x 24 5/8" ID x 51 3/8" L

Weight:
552 kls.

PLATE STEP BEARING, CENTER for SYMON'S CRUSHER

Material:
SAE 64

Size:
577.85mm OD x 18.87 mm Thick

Weight:
50 kls.



Aggregates



OUTER ECCENTRIC BUSHING

Material:
SAE 64

Size:
334mm OD x 327mm ID
x 641mm Over-All Length

Weight:
552 kls.

INNER ECCENTRIC BUSHING for Telsmith Cone Crusher, Model 48 S

Material:
SAE 64

Size:
Upper: 230mm OD x 213.5mm ID,
Lower: 151.8mm OD x 134.8mm ID
x 827.10mm OAL

Weight:
36.5 KLS



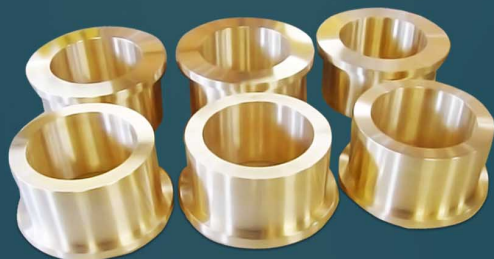


BRONZE BUSHING

Material:
SAE 67

Size:
408mm OD x 377mm ID x
218mm over all length

Weight:
55 kls.



BUSHING, ROLLER JOURNAL BEARING

Material:
SAE 63

Size:
184.15mm FOD x 19.05mm Flange thk x
127mm BOD x 95.25mm ID x 152.40mm OAL

Weight:
9.50 kls.



BUSHING, ROLLER JOURNAL ARM

Material:
SAE 63

Size:
184.15mm Flange OD x 19.05mm Flange Thickness x
127mm BOD x 95.5mm BID x 152.40mm Overall Length

Weight:
9.50 kls.



KILN THRUSTER BUSHING

Material:
SAE 65

Size:
421mm FOD x 25mm Flange Thickness
x 393mm BOD x 342mm ID x 420

Weight:
101 kls/halves



SINGLE REDUCTION GEARBOX

Material:
SAE 63

Size:
446mm FOD x 402mm BOD x 355mm ID x
428mm OAL

Weight:
55 kls.

INTERNATIONALLY CLASSED MARINE PROPELLER



**INCREASE
SPEED**



**FUEL
EFFICIENCY**



**ISO
9001 : 2008**



**VIBRATION
FREE**



**COMPETITIVE
PRICES**

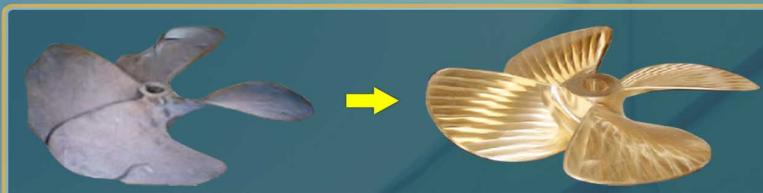
Dynacast's unwavering commitment to quality, continuous improvement, and service has earned the company an ISO 9001:2008 Quality Management Systems Certification from TÜV Rheinland - a global leader in management systems certification services.

CONTROLLABLE PITCH PROPELLERS (CPP) BLADES Manganese Bronze / Nickel Aluminum Bronze Material



ABS CLASSED CPP BLADES FOR PASSENGER FERRY BOAT 700 TONS, 32 KNOTS

BEFORE & AFTER PROPELLER REPAIR



ZINC / ALUMINUM ANODES



PROPELLER SHAFT SLEEVES

Material:
Cast Hard Bronze SAE 63/JIS
BC3 (designed to match
hardened steel)

Size:
As per specification and Hydrotested @
2kg as required by International Classification Societies



FACILITIES

ISO 9001:2008



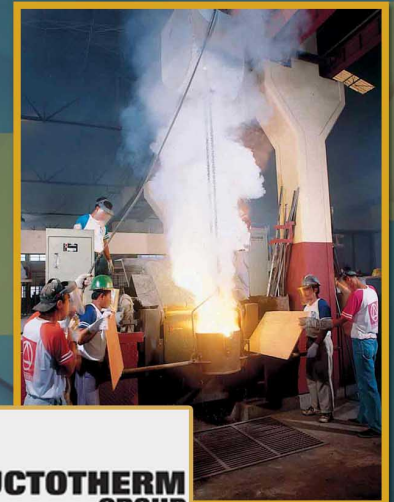
INDUCTION FURNACE



SAND
RECLAIMERS



MACHINING



MELTING

RAW MATERIALS



ZINC



LEAD



COPPER



TIN



ALUMINUM

LABORATORY

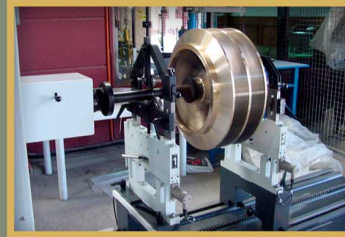



**UNIVERSAL
TESTING MACHINE**

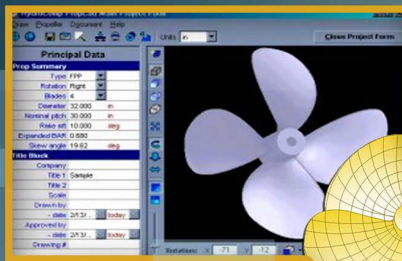




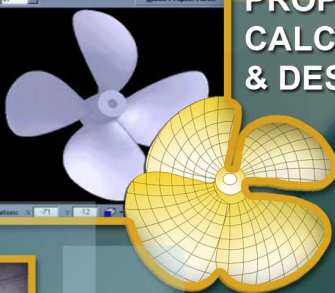
**DYNAMIC BALANCING
MACHINES**



**ANGSTROM
SPECTROMETERS**

**PROPELLER
CALCULATION
& DESIGN**



**PROPELLER
ELECTRONIC
SCANNING MACHINE**



PRE-DELIVERY INSPECTION



SEA TRIAL

Propelling the World...



DYNAMIC CASTINGS
Makers of quality non-ferrous metal castings since 1968

You don't just buy DYNACAST, You buy PEACE OF MIND



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