



CERTIFICATE NUMBER
EFFECTIVE DATE
EXPIRY DATE
ABS TECHNICAL OFFICE

23-2381571-PDA
08-May-2023
07-May-2028
London Engineering Department

CERTIFICATE OF Product Design Assessment

This is to certify that a representative of this Bureau did, at the request of

EXALTO BEARINGS UK LIMITED

located at

**UNIT C, AMBERLEY DRIVE, SINFIN LANE, , DERBY, United
Kingdom, DE24 9RE**

assess design plans and data for the below listed product. This assessment is a representation by the Bureau as to the degree of compliance the design exhibits with applicable sections of the Rules. This assessment does not waive unit certification or classification procedures required by ABS Rules for products to be installed in ABS classed vessels or facilities. This certificate, by itself, does not reflect that the product is Type Approved. The scope and limitations of this assessment are detailed on the pages attached to this certificate.

Product: **Bearing, Water Lubricated Bearings**
Model: **See Attachment for Models**
Endorsements:
Tier: **2 - PDA Issued**

This Product Design Assessment (PDA) Certificate remains valid until 07/May/2028 or until the Rules and/or Standards used in the assessment are revised or until there is a design modification warranting design reassessment (whichever occurs first).

Acceptance of product is limited to the "Intended Service" details prescribed in the certificate and as per applicable Rules and Standards.

This Certificate is valid for installation of the listed product on ABS units which exist or are under contract for construction on or previous to the effective date of the ABS Rules and standards applied at the time of PDA issuance. Use of the Product for non-ABS units is subject to agreement between the manufacturer and intended client.

American Bureau Of Shipping
James Cherrill
James Lawrence Cherrill, Engineer/Consultant

NOTE: This certificate evidences compliance with one or more of the Rules, Guides, standards or other criteria of ABS or a statutory, industrial or manufacturer's standards. It is issued solely for the use of ABS, its committees, its clients or other authorized entities. Any significant changes to the aforementioned product without approval from ABS will result in this certificate becoming null and void. This certificate is governed by ABS Rules 1-1-A3/5.9 Terms and Conditions of the Request for Product Type Approval and Agreement (2010)

EXALTO BEARINGS UK LIMITED

UNIT C, AMBERLEY DRIVE

SINFIN LANE

DERBY

United Kingdom DE24 9RE

Telephone: 01332-340501

Fax:

Email: sales@exalto.co.uk

Web:

Tier: 2 - PDA Issued

Product: Bearing, Water Lubricated Bearings

Model: See Attachment for Models

Endorsements:

Intended Service:

Main Propulsion Shafting

Description:

Range of Propulsion Shafting Bearings, See Attachment for details

Rating:

See Attachment

Service Restriction:

1. Unit Certification is not required for this product.
2. If the manufacturer or purchaser request an ABS Certification for compliance with a specification or standard, the specification or standard, including inspection standard and tolerances, must be clearly defined.

Comments:

1. The Manufacturer has provided a declaration about the control of, or the lack of Asbestos in this product.
2. For Bearing's dimensions, material, quality inspection, tolerances, installation procedure, bearing and journal wear see attachment to PDA and Technical Manual.
3. The length of bearing, next to and supporting the propeller, is to be not less than four times the required tail-shaft diameter as per 4-3-2/5.15.1 of the MVR.

Notes/Drawing/Documentation:

Drawing No. ABS Compound Sheets, Compound Sheets, Revision: -, Pages: 1

Drawing No. Bearing , Tolerances, Revision: -, Pages: 1

Drawing No. Bearing Sizes Sheet, Bearing Sizes Sheet, Revision: -, Pages: 1

Drawing No. Copper & Alloys Datasheet, Copper & Alloys Datasheet, Revision: -, Pages: 1

Drawing No. IBSF14, IBSF14 Drawing, Revision: -, Pages: 1

Drawing No. IGSF20, IGSF20 Drawing, Revision: -, Pages: 1

Drawing No. IPSF16, IPSF16 Drawing, Revision: -, Pages: 1

Drawing No. Lantex Glass Datasheet, Lantex Glass Datasheet, Revision: -, Pages: 1

Drawing No. MBSF50, MBSF50 Drawing, Revision: -, Pages: 1

Drawing No. MGSF40, MGSF40 Drawing, Revision: -, Pages: 1

Drawing No. MIBSF60, MIBSF60 Drawing, Revision: -, Pages: 1

Drawing No. MPSF120, MPSF120 Drawing, Revision: -, Pages: 1

Drawing No. Paper & Cotton Fabric Tubes Datasheet, Paper & Cotton Fabric Tubes Datasheet, Revision: -, Pages: 1

Drawing No. Standard Bearing Sizes & Codes, Standard Bearing Sizes & Codes Sheet, Revision: -, Pages: 1

Drawing No. Technical Manual, Technical Manual, Revision: 6, Pages: 1

Terms of Validity:

This Product Design Assessment (PDA) Certificate remains valid until 07/May/2028 or until the Rules and/or Standards used in the assessment are revised or until there is a design modification warranting design reassessment (whichever occurs first).

Acceptance of product is limited to the "Intended Service" details prescribed in the certificate and as per applicable Rules and Standards.

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United Kingdom DE24 9RE
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STANDARDS

ABS Rules:

The Rules for Conditions of Classification (2023), 1-1-4/7.7, 1-1-A3, 1-1-A4, which covers the following:

Rules for Building and Classing Marine Vessels (2023), 4-3-2/5.15.1

National:

NA

International:

NA

Government:

NA

EUMED:

NA

OTHERS:

NA



ATTACHMENT TO PDA CERTIFICATE NO. 23-2381571-PDA

COMPANY: EXALTO BEARINGS UK LIMITED (451603)
PRODUCT: Water Lubricated Bearings
MODEL: See Below

Issuance Date: 03 May 2023
Expiration Date: 02 May 2028

Standard Bearing Sizes & Codes

Metric Bearings:

Bearing Size	Phenolic Code	I/D Tolerances (mm)	O/D Tolerances (mm)
25 x 40 x 100mm	MPSF25	25.32-25.42	40.026-40.042
30 x 45 x 120mm	MPSF30	30.34-30.44	45.026-45.042
35 x 50 x 140mm	MPSF35	35.27-35.37	50.026-50.042
40 x 55 x 160mm	MPSF40	40.32-40.42	55.032-55.051
45 x 65 x 180mm	MPSF45	45.35-45.45	65.032-65.051
50 x 70 x 200mm	MPSF50	50.33-50.43	70.032-70.051
55 x 75 x 220mm	MPSF55	55.34-55.44	75.032-75.051
60 x 80 x 240mm	MPSF60	60.42-60.52	80.032-80.051
65 x 85 x 260mm	MPSF65	65.33-65.43	85.037-85.059
70 x 90 x 280mm	MPSF70	70.38-70.48	90.037-90.059
75 x 95 x 300mm	MPSF75	75.39-75.49	95.037-95.059
80 x 100 x 320mm	MPSF80	80.40-80.50	100.037-100.059
85 x 105 x 340mm	MPSF85	85.45-85.55	105.037-105.059
90 x 110 x 360mm	MPSF90	90.46-90.56	110.037-110.059
95 x 115 x 380mm	MPSF95	95.48-95.58	115.037-115.059
100 x 125 x 400mm	MPSF100	100.49-100.59	125.043-125.068
105 x 130 x 420mm	MPSF105	105.47-105.57	130.043-130.068
110 x 135 x 440mm	MPSF110	110.51-110.61	135.043-135.068
115 x 145 x 460mm	MPSF115	115.53-115.63	145.043-115.068
120 x 155 x 480mm	MPSF120	120.55-120.65	155.043-155.068
125 x 165 x 500mm	MPSF125	125.56-125.66	165.043-165.068
130 x 170 x 520mm	MPSF130	130.67-130.77	170.043-170.068
140 x 180 x 560mm	MPSF140	140.67-140.77	180.043-180.068
150 x 190 x 600mm	MPSF150	150.67-150.77	190.050-190.079

Bearing Size	Brass Code (CZ132)	I/D Tolerances (mm)	O/D Tolerances (mm)
25 x 40 x 100mm	MBSF25	25.07-25.17	40.026-40.042
30 x 45 x 120mm	MBSF30	30.07-30.17	45.026-45.042
35 x 50 x 140mm	MBSF35	35.10-35.20	50.026-50.042
40 x 55 x 160mm	MBSF40	40.10-40.20	55.032-55.051
45 x 65 x 180mm	MBSF45	45.10-45.20	65.032-65.051
50 x 70 x 200mm	MBSF50	50.15-50.25	70.032-70.051
55 x 75 x 220mm	MBSF55	55.15-55.25	75.032-75.051
60 x 80 x 240mm	MBSF60	60.17-60.28	80.032-80.051
65 x 85 x 260mm	MBSF65	65.17-65.28	85.037-85.059
70 x 90 x 280mm	MBSF70	70.17-70.28	90.037-90.059
75 x 95 x 300mm	MBSF75	75.17-75.28	95.037-95.059
80 x 100 x 320mm	MBSF80	80.20-80.30	100.037-100.059
85 x 105 x 340mm	MBSF85	85.20-85.30	105.037-105.059
90 x 110 x 360mm	MBSF90	90.20-90.30	110.037-110.059
95 x 115 x 380mm	MBSF95	95.22-95.33	115.037-115.059
100 x 125 x 400mm	MBSF100	100.22-100.33	125.043-125.068
105 x 130 x 420mm	MBSF105	105.22-105.33	130.043-130.068
110 x 135 x 440mm	MBSF110	110.25-110.35	135.044-135.067
115 x 145 x 460mm	MBSF115	115.25-115.35	145.043-145.068
120 x 155 x 480mm	MBSF120	120.25-120.35	155.043-155.068
125 x 165 x 500mm	MBSF125	125.30-125.40	165.043-165.068
130 x 170 x 520mm	MBSF130	130.30-130.40	170.042-170.068
140 x 180 x 560mm	MBSF140	140.33-140.43	180.050-180.079
150 x 190 x 600mm	MBSF150	150.40-150.60	190.050-190.079

Bearing Size	GRP Code	I/D Tolerances (mm)	O/D Tolerances (mm)
25 x 40 x 100mm	MGSF25	25.07-25.17	40.026-40.042
30 x 45 x 120mm	MGSF30	30.07-30.17	45.026-45.042
35 x 50 x 140mm	MGSF35	35.10-35.20	50.026-50.042
40 x 55 x 160mm	MGSF40	40.10-40.20	55.032-55.051
45 x 65 x 180mm	MGSF45	45.10-45.20	65.032-65.051
50 x 70 x 200mm	MGSF50	50.15-50.25	70.032 70.051
55 x 75 x 220mm	MGSF55	55.15-55.25	75.032-75.051
60 x 80 x 240mm	MGSF60	60.17-60.28	80.032-80.051
65 x 85 x 260mm	MGSF65	65.17-65.28	85.037-85.059
70 x 90 x 280mm	MGSF70	70.17-70.28	90.037-90.059
75 x 95 x 300mm	MGSF75	75.17-75.28	95.037-95.059
80 x 100 x 320mm	MGSF80	80.20-80.30	100.037-100.059
85 x 105 x 340mm	MGSF85	85.20-85.30	105.037-105.059
90 x 110 x 360mm	MGSF90	90.20-90.30	110.037-110.059
95 x 115 x 380mm	MGSF95	95.22-95.33	115.037-115.059

100 x 125 x 400mm	MGSF100	100.22-100.33	125.043-125.068
105 x 130 x 420mm	MGSF105	105.22-105.33	130.043-130.068
110 x 135 x 440mm	MGSF110	110.25-110.35	135.044-135.067
115 x 145 x 460mm	MGSF115	115.25-115.35	145.043-145.068
120 x 155 x 480mm	MGSF120	120.25-120.35	155.043-155.068
125 x 165 x 500mm	MGSF125	125.30-125.40	165.043-165.068
130 x 170 x 520mm	MGSF130	130.30-130.40	170.042-170.068
140 x 180 x 560mm	MGSF140	140.33-140.43	180.050-180.079
150 x 190 x 600mm	MGSF150	150.40-150.60	190.050-190.079

Metric/Imperial Bearings:

Bearing Size	Phenolic Code	I/D Tolerances (mm)	O/D Tolerances (inches)
20mm x 1 1/4" x 80mm	MIPSF20	20.25-20.35	1.2510-1.2516
22mm x 1-1/4" x 88mm	MIPSF22	22.26-22.36	1.2510-1.2516
25mm x 1-3/8" x 100mm	MIPSF25-1	25.30-25.40	1.3760-1.3766
25mm x 1 1/2" x 100mm	MIPSF25	25.30-25.40	1.5010-1.5016
25mm x 1-5/8" x 100mm	MIPSF25&1	25.30-25.40	1.6260-1.6266
30mm x 1 3/4" x 120mm	MIPSF30	30.30-30.40	1.7510-1.7516
32mm x 1-3/4" x 128mm	MIPSF32	32.30-32.40	1.7510-1.7516
35mm x 1-3/4" x 140mm	MIPSF35-1	35.30-35.40	1.7510-1.7516
35mm x 1 7/8" x 140mm	MIPSF35	35.30-35.40	1.8762-1.8770
40mm x 2 1/8" x 160mm	MIPSF40	40.31-40.41	2.1262-2.1270
45mm x 2 3/8" x 180mm	MIPSF45	45.32-45.42	2.3764-2.3773
45mm x 2-5/8" x 180mm	MIPSF45&2	45.38-45.42	2.6264-2.6271
50mm x 2 5/8" x 200mm	MIPSF50	50.39-50.49	2.6262-2.6270
55mm x 3" x 220mm	MIPSF55x3	55.39-55.49	3.0013-3.0020
60mm x 3" x 240mm	MIPSF60	60.37-60.47	3.0014-3.0021
60mm x 3-1/4" x 240mm	MIPSF60&2	60.37-60.47	3.2516-3.2525
70mm x 3-1/2" x 280mm	MIPSF70	70.37-70.47	3.5012-3.5023
70mm x 3-3/4" x 280mm	MIPSF70&2	70.48-70.58	3.7516-3.7525
75mm x 4" x 300mm	MIPSF75	75.40-75.50	4.0016-4.0025
80mm x 4" x 320mm	MIPSF80	80.43-80.53	4.0016-4.0025
90mm x 4-1/2" x 360mm	MIPSF90	90.46-90.56	4.5016-4.5026
100mm x 5-1/4" x 400mm	MIPSF100	100.46-100.56	5.2516-5.2526
105mm x 5-1/4" x 420mm	MIPSF105-1	105.46-105.56	5.2516-5.2526
110mm x 5-1/4" x 440mm	MIPSF110	110.46-110.56	5.2516-5.2526
115mm x 5-1/2" x 460mm	MIPSF115	115.46-115.56	5.5016-5.5026
130mm x 6" x 500mm	MIBSF130	130.46-130.56	6.0017-6.0027

Bearing Size	Brass Code (CZ132)	I/D Tolerances (mm)	O/D Tolerances (inches)
20mm x 1 1/4" x 80mm	MIBSF20	20.07-20.17	1.2510-1.2516
22mm x 1-1/4" x 88mm	MIBSF22	22.07-22.17	1.2506-1.2516

25mm x 1-3/8" x 100mm	MIBSF25-1	25.07-25.17	1.3760-1.3766
25mm x 1 1/2" x 100mm	MIBSF25	25.07-25.17	1.5010-1.5016
25mm x 1-5/8" x 100mm	MIBSF25&1	25.07-25.17	1.5010-1.5016
30mm x 1 3/4" x 120mm	MIBSF30	30.07-30.17	1.7510-1.7516
32mm x 1-3/4" x 128mm	MIBSF32	32.07-32.17	1.7510-1.7516
35mm x 1-3/4" x 140mm	MIBSF35-1	35.10-35.20	1.7510-1.7516
35mm x 1 7/8" x 140mm	MIBSF35	35.10-35.20	1.8762-1.8770
40mm x 2 1/8" x 160mm	MIBSF40	40.10-40.20	2.1262-2.1270
45mm x 2 3/8" x 180mm	MIBSF45	45.10-45.20	2.3764-2.3773
45mm x 2-5/8" x 180mm	MIBSF45&2	45.10-45.20	2.6264-2.6271
50mm x 2 5/8" x 200mm	MIBSF50	50.15-50.25	2.6262-2.6270
55mm x 3" x 220mm	MIBSF55x3	55.15-55.25	3.0014-3.0021
60mm x 3" x 240mm	MIBSF60	60.17-60.27	3.0014-3.0021
60mm x 3-1/4" x 240mm	MIBSF60&2	60.17-60.27	3.2514-3.2523
70mm x 3-1/2" x 280mm	MIBSF70	70.17-70.27	3.5016-3.5023
70mm x 3-3/4" x 280mm	MIBSF70&2	70.17-70.27	3.7515-3.7523
80mm x 4" x 320mm	MIBSF80	80.20-80.30	4.0014-4.0021
90mm x 4-1/2" x 360mm	MIBSF90	90.20-90.30	4.5014-4.5023
100mm x 5-1/4" x 400mm	MIBSF100	100.22-100.32	5.2517-5.2527
105mm x 5-1/4" x 420mm	MIBSF105-1	105.22-105.32	5.2517-5.2527
110mm x 5-1/4" x 440mm	MIBSF110	110.25-110.35	5.2517-5.2527
115mm x 5-1/2" x 460mm	MIBSF115	115.25-115.35	5.5016-5.5026
130mm x 6" x 500mm	MIBSF130	130.30-130.40	6.0017-6.0027

Bearing Size	GRP Code	I/D Tolerances (mm)	O/D Tolerances (inches)
20mm x 1 1/4" x 80mm	MIGSF20	20.07-20.17	1.2510-1.2516
22mm x 1-1/4" x 88mm	MIGSF22	22.07-22.17	1.2506-1.2516
25mm x 1-3/8" x 100mm	MIGSF25-1	25.07-25.17	1.3760-1.3766
25mm x 1 1/2" x 100mm	MIGSF25	25.07-25.17	1.5010-1.5016
25 x 1-3/8" x 100mm	MIGSF25&1	25.07-25.17	1.6260-1.6266
30mm x 1 3/4" x 120mm	MIGSF30	30.07-30.17	1.7513-1.7520
32mm x 1-3/4" x 128mm	MIGSF32	32.07-32.17	1.7510-1.7516
35mm x 1-3/4" x 140mm	MIGSF35-1	35.10-35.20	1.7510-1.7516
35mm x 1 7/8" x 140mm	MIGSF35	35.10-35.20	1.8762-1.8770
40mm x 2 1/8" x 160mm	MIGSF40	40.10-40.20	2.1263-2.1270
45mm x 2 3/8" x 180mm	MIGSF45	45.10-45.20	2.3764-2.3773
45mm x 2-5/8" x 180mm	MIGSF45&2	45.10-45.20	2.6264-2.6271
50mm x 2 5/8" x 200mm	MIGSF50	50.15-50.25	2.6262-2.6270
55mm x 3" x 220mm	MIBSF55x3	55.15-55.25	3.0014-3.0021
60mm x 3" x 240mm	MIGSF60	60.17-60.27	3.0014-3.0021
60mm x 3-1/4" x 240mm	MIGSF60&2	60.17-60.27	3.2514-3.2523
70mm x 3-1/2" x 280mm	MIPSF70	70.17-70.27	3.5016-3.5023
70mm x 3-3/4" x 280mm	MIGSF70&2	70.17-70.27	3.7515-3.7523
80mm x 4" x 320mm	MIGSF80	80.20-80.30	4.0014-4.0021

90mm x 4-1/2" x 360mm	MIGSF90	90.20-90.30	4.5014-4.5023
100mm x 5-1/4" x 400mm	MIGSF100	100.22-100.32	5.2517-5.2527
105mm x 5-1/4" x 420mm	MIGSF105-1	105.22-105.32	5.2517-5.2527
110mm x 5-1/4" x 440mm	MIGSF110	110.25-110.35	5.2517-5.2527
115mm x 5-1/2" x 460mm	MIGSF115	115.25-115.35	5.5016-5.5026
130mm x 6" x 500mm	MIBSF130	130.30-130.40	6.0017-6.0027

Imperial Bearings:

Bearing Size	Phenolic Code	I/D Tolerances (inches)	O/D Tolerances (inches)
3/4" x 1-1/4" x 3"	IPSF06	0.759-0.763	1.2510-1.2516
1" x 1 1/4" x 4"	IPSF08-2	1.009-1.013	1.2510-1.2516
1"x1 1/2"x 4"	IPSF08	1.011-1.015	1.5010-1.5016
1-1/8" x 1-5/8" x 4-1/2"	IPSF09	1.136-1.140	1.6260-1.6266
1-1/4" x 1-1/2" x 5"	IPSF10&2	1.265-1.269	1.5010-1.5016
1 1/4" x 1 3/4" x 5"	IPSF10	1.262-1.266	1.7510-1.7516
1-1/4" x 2" x 5"	IPSF10&2	1.262-1.266	2.0012-2.0020
1 1/2" x 2" x 6"	IPSF12	1.511-1.515	2.0014-2.0021
1 3/4" x 2 3/8" x 7"	IPSF14	1.764-1.768	2.3764-2.3771
1 3/4" x 2 5/8" x 7"	IPSF14&2	1.764-1.768	2.6264-2.6271
2" x 2 5/8" x 8"	IPSF16	2.014-2.018	2.6264-2.6271
2" x 3" x 8"	IPSF16&3	2.014-2.018	3.0014-3.0021
2 1/4" x 3" x 9"	IPSF18	2.266-2.270	3.0014-3.0021
2-1/4 x 3-1/8 x 9"	IPSF18&1	2.266-2.270	3.1264-3.1272
2-1/2 x 3 x 10"	IPSF20-2	2.516-2.520	3.0014-3.0021
2-1/2 x 3-1/8 x 10"	IPSF20-1	2.516-2.520	3.1264-3.1271
2 1/2"x 3 1/4" x 10"	IPSF20	2.516-2.520	3.2514-3.2523
2 1/2" x 3 3/8" x 10"	IPSF20&1	2.516-2.520	3.3764-3.3773
2 3/4" x 3 1/2" x 11"	IPSF22-2	2.764-2.768	3.5014-3.5023
3" x 3 3/4" x 12"	IPSF24-2	3.016-3.020	3.7514-3.7523
3" x 4" x 12"	IPSF24	3.016-3.020	4.0014-4.0023
3-1/4" x 4-1/4" x 13"	IPSF26&2	3.268-3.272	4.2516-4.2525
3-1/2" x 4-1/2" x 14"	IPSF28	3.518-3.522	4.5014-4.5023
3-1/2" x 4-3/4" x 14"	IPSF28&2	3.518-3.522	4.7514-4.7523
3-5/8" x 4-1/2" x 14-1/2"	IPSF29	3.643-3.647	4.5015-4.5023
3-3/4" x 5" x 15"	IPSF30	3.770-3.774	5.0016-5.0026
3-3/4" x 5-1/4" x 15"	IPSF30&2	3.770-3.774	5.2517-5.2527
4" x 5" x 16"	IPSF32	4.021-4.025	5.0016-5.0026
4" x 5-1/4" x 16"	IPSF32&2	4.018-4.022	5.2517-4.2527
4-1/4" x 5-1/4" x 17"	IPSF34	4.269-4.273	5.2517-4.2527
4-1/4" x 5-1/2" x 17"	IPSF34&2	4.269-4.273	5.5016-5.5026
4-1/2" x 5-1/2" x 18"	IPSF36	4.522-4.526	5.5016-5.5026
4-1/2" x 5-3/4" x 18"	IPSF36&2	4.522-4.526	5.7518-5.7535

4-5/8" x 6-1/8" x 18-1/2"	IPSF37	4.647-4.651	6.1264-6.1273
5" x 6-1/8" x 20"	IPSF40	5.022-5.026	6.1264-6.1273
5-1/2" x 7" x 22"	IPSF44	5.526-5.530	7.0016-7.0026
5-3/4" x 7" x 23"	IPSF46	5.776-5.778	7.0016-7.0026
6" x 7-1/2" x 24"	IPSF48	6.028-6.032	7.5020-7.5031

Bearing Size	Brass Code (CZ132)	I/D Tolerances (inches)	O/D Tolerances (inches)
3/4" x 1-1/4" x 3"	IBSF06	0.753-0.757	1.2510-1.2516
1" x 1 1/4" x 4"	IBSF08-2	1.003-1.007	1.2510-1.2516
1"x1 1/2"x 4"	IBSF08	1.003-1.007	1.5010-1.5016
1-1/8" x 1-5/8" x 4-1/2"	IBSF09	1.128-1.132	1.6260-1.6266
1-1/4" x 1-1/2" x 5"	IBSF10-2	1.253-1.257	1.5010-1.5016
1 1/4" x 1 3/4" x 5"	IBSF10	1.253-1.257	1.7510-1.7516
1-1/4" x 2" x 5"	IBSF10&2	1.253-1.257	2.0012-2.0020
1 1/2" x 2" x 6"	IBSF12	1.504-1.508	2.0012-2.0020
1 3/4" x 2 3/8" x 7"	IBSF14	1.754-1.758	2.3764-2.3771
1 3/4" x 2 5/8" x 7"	IBSF14&2	1.754-1.758	2.6264-2.6271
2" x 2 5/8" x 8"	IBSF16	2.006-2.010	2.6264-2.6271
2" x 3" x 8"	IBSF16&3	2.006-2.010	3.0014-3.0021
2 1/4" x 3" x 9"	IBSF18	2.256-2.260	3.0014-3.0021
2-1/4 x 3-1/8 x 9"	IBSF18&1	2.256-2.260	3.1264-3.1271
2-1/2 x 3 x 10"	IBSF20-2	2.507-2.511	3.0014-3.0021
2-1/2 x 3-1/8 x 10"	IBSF20-1	2.507-2.511	3.1264-3.1271
2 1/2"x 3 1/4" x 10"	IBSF20	2.507-2.511	3.2518-3.2523
2 1/2" x 3 3/8" x 10"	IBSF20&1	2.507-2.511	3.3764-3.3773
2 3/4" x 3 1/2" x 11"	IBSF22-2	2.757-2.761	3.5014-3.5023
3" x 3 3/4" x 12"	IBSF24-2	3.007-3.011	3.7514-3.7523
3" x 4" x 12"	IBSF24	3.007-3.011	4.0014-4.0023
3-1/4" x 4-1/4" x 13"	IBSF26&2	3.258-3.262	4.2518-4.2523
3-1/2" x 4-1/2" x 14"	IBSF28	3.508-3.512	4.5014-4.5023
3-1/2" x 4-3/4" x 14"	IBSF28&2	3.508-3.512	4.7517-4.7527
3-5/8" x 4-1/2" x 14-1/2"	IBSF29	3.633-3.637	4.5014-4.5023
3-3/4" x 5" x 15"	IBSF30	3.758-3.762	5.0016-5.0026
3-3/4" x 5-1/4" x 15"	IBSF30&2	3.758-3.762	5.2517-5.2527
4" x 5" x 16"	IBSF32	4.009-4.013	5.0016-5.0026
4" x 5-1/4" x 16"	IBSF32&2	4.009-4.013	5.2517-5.2527
4-1/4" x 5-1/4" x 17"	IBSF34	4.259-4.263	5.2517-5.2527
4-1/4" x 5-1/2" x 17"	IBSF34&2	4.259-4.263	5.5017-5.5027
4-1/2" x 5-1/2" x 18"	IBSF36	4.510-4.514	5.5017-5.5027
4-1/2" x 5-3/4" x 18"	IBSF36&2	4.510-4.514	5.7517-5.7527
4-5/8" x 6-1/8" x 18-1/2"	IBSF37	4.635-4.639	6.1267-4.1277
5" x 6-1/8" x 20"	IBSF40	5.012-5.016	6.1267-4.1277
5-1/2" x 7" x 22"	IPSF44	5.512-5.516	7.0017-7.0027
5-3/4" x 7" x 23"	IPSF46	5.763-5.767	7.0017-7.0027

6" x 7-1/2" x 24"	IPSF48	6.016-6.024	7.5020-7.5031
Bearing Size	GRP Code	I/D Tolerances (inches)	O/D Tolerances (inches)
3/4" x 1-1/4" x 3"	IGSF06	0.753-0.757	1.2510-1.2516
1" x 1 1/4" x 4"	IGSF08-2	1.003-1.007	1.2510-1.2516
1"x1 1/2"x 4"	IGSF08	1.003-1.007	1.5010-1.5016
1-1/8" x 1-5/8" x 4-1/2"	IGSF09	1.128-1.132	1.6260-1.6266
1-1/4" x 1-1/2" x 5"	IGSF10-2	1.253-1.257	1.5010-1.5016
1 1/4" x 1 3/4" x 5"	IGSF10	1.253-1.257	1.7510-1.7516
1-1/4" x 2" x 5"	IGSF10&2	1.253-1.257	2.0012-2.0020
1-3/8" X 1-7/8" X5-1/2"	IGSF11	1.378-1.382	1.8760-1.8766
1 1/2" x 2" x 6"	IGSF12	1.504-1.508	2.0014-2.0021
1 3/4" x 2 3/8" x 7"	IGSF14	1.754-1.758	2.3762-2.3770
1 3/4" x 2 5/8" x 7"	IGSF14&2	1.754-1.758	2.6264-2.6271
2" x 2 5/8" x 8"	IGSF16	2.006-2.010	2.6264-2.6271
2" x 3" x 8"	IGSF16&3	2.006-2.010	3.0012-3.0020
2 1/4" x 3" x 9"	IGSF18	2.256-2.260	3.0012-3.0020
2-1/4 x 3-1/8 x 9"	IGSF18&1	2.256-2.260	3.1262-3.1270
2-1/2 x 3 x 10"	IGSF20-2	2.507-2.511	3.0012-3.0020
2-1/2 x 3-1/8 x 10"	IGSF20-1	2.507-2.511	3.1265-3.1273
2 1/2"x 3 1/4" x 10"	IGSF20	2.507-2.511	3.2515-3.2523
2 1/2" x 3 3/8" x 10"	IGSF20&1	2.507-2.511	3.3764-3.3773
2 3/4" x 3 1/2" x 11"	IGSF22-2	2.757-2.761	3.5014-3.5023
3" x 3 3/4" x 12"	IGSF24-2	3.007-3.011	3.7514-3.7523
3" x 4" x 12"	IGSF24	3.007-3.011	4.0014-4.0023
3-1/4" x 4-1/4" x 13"	IGSF26&2	3.258-3.262	4.2518-4.2523
3-1/2" x 4-1/2" x 14"	IGSF28	3.508-3.512	4.5014-4.5023
3-1/2" x 4-3/4" x 14"	IGSF28&2	3.508-3.512	4.7517-4.7527
3-5/8" x 4-1/2" x 14-1/2"	IGSF29	3.633-3.637	4.5014-4.5023
3-3/4" x 5" x 15"	IGSF30	3.758-3.762	5.0016-5.0026
3-3/4" x 5-1/4" x 15"	IGSF30&2	3.758-3.762	5.2517-5.2527
4" x 5" x 16"	IGSF32	4.009-4.013	5.0016-5.0026
4" x 5-1/4" x 16"	IGSF32&2	4.009-4.013	5.2517-5.2527
4-1/4" x 5-1/4" x 17"	IGSF34	4.259-4.263	5.2517-5.2527
4-1/4" x 5-1/2" x 17"	IGSF34&2	4.259-4.263	5.5017-5.5027
4-1/2" x 5-1/2" x 18"	IGSF36	4.510-4.514	5.5017-5.5027
4-1/2" x 5-3/4" x 18"	IGSF36&2	4.510-4.514	5.7517-5.7527
4-5/8" x 6-1/8" x 18-1/2"	IGSF37	4.635-4.639	6.1267-4.1277
5" x 6-1/8" x 20"	IGSF40	5.012-5.016	6.1267-4.1277
5-1/2" x 7" x 22"	IGSF44	5.512-5.516	7.0017-7.0027
5-3/4" x 7" x 23"	IGSF46	5.763-5.767	7.0017-7.0027
6" x 7-1/2" x 24"	IGSF48	6.016-6.024	7.5020-7.5031

Additional "Special Bearings"

Bearing Size	UK Code	Shell Size
PHENOLIC METRIC - MPSF		
20 x 35 x 80mm	MPSF20	3530 x 2799
22 x 35 x 88mm	MPSF22	3530 x 2799
25 x 36 x 70mm	MPSF25x36x70	3840 x 3205
30 x 40 x 120mm	MPSF30x40x120	4030 x 3650
30 x 50 x 120mm	MPSF30x50x120	5030 x 4534
32 x 45 x 128mm	MPSF32	4530 x 3680
38 x 55 x 152mm	MPSF38	5535 x 4801
40 x 50 x 160mm	MPSF40x50x160	5030 x 4534
60 x 85 x 240mm	MPSF60x85x240	8530 x 7938
70 x 95 x 280mm	MPSF70x95x280	9560 x 8730
80 x 106 x 320mm	MPSF80x106x320	10700 x 9525
80 x 110 x 320mm	MPSF80x110x320	11200 x 10000
125 x 150 x 410mm	MPSF125x150x410	15700 x 14288
125 x 150 x 500mm	MPSF125x150x500	15700 x 14288
120 x 155.57 x 485mm	MPSF120x155.57x485	15700 x 14288
PHENOLIC IMPERIAL - IPSF		
7/8 x 1-1/4 x 3-1/2"	IPSF07-1	3205 x 2799
7/8 x 1-3/8 x 3-1/2"	IPSF07	3530 x 2799
7/8 x 1-1/2 x 3-1/2"	IPSF07&1	3840 x 3205
1 x 1-3/8 x 4"	IPSF08-1	3530 x 2799
1 x 1-5/8 x 4"	IPSF08&1	4185 x 3094
1 x 1-7/8 x 4"	IPSF08&3	4790 x 4115
1 x 2 x 4"	IPSF08&4	5110 x 4524
1-1/8 x 1-3/8 x 4-1/2"	IPSF09-2	3530 x 2799
1-1/8 x 1-1/2 x 4-1/2"	IPSF09-1	3840 x 3205
1-1/8 x 1-5/8 x 4-1/2"	IPSF09	4185 x 3094
1-1/8" x 1-3/4 x 4-1/2"	IPSF09&1	4475 x 3844
1-1/8 x 2 x 4-1/2"	IPSF09&3	5110 x 4524
1-1/4 x 1-1/2 x 5"	IPSF10-2	3840 x 3205
1-1/4 x 1-5/8 x 5"	IPSF10-1	4185 x 3094
1-1/4 x 2-1/8 x 5"	IPSF10&3	5433 x 4763
1-3/8 x 1-7/8 x 5-1/2"	IPSF11	4793 x 4115
1-3/8 x 2 x 5-1/2"	IPSF11&1	5110 x 4524
1-3/8 X 2-1/8 X 5-1/2"	IPSF11&2	5433 X 4763
1-3/8 x 2-3/8 x 5-1/2"	IPSF11&4	6068 x 5398
1-1/2 x 2-1/8 x 6"	IPSF12&1	5433 x 4763
1-1/2 X 2-3/8 X 6"	IPSF12&3	6068 x 5398
1-5/8 X 2-1/8 X 6-1/2	IPSF13	5433 X 4763
1-5/8 x 2-5/8 x 6-1/2"	IPSF13&4	6703 x 5715

1-3/4 x 2-1/2 x 7"	IPSF14&1	6703 x 5715
1-7/8 x 2-5/8 x 7-1/2"	IPSF15	6703 x 5715
2 x 2-3/4 x 8"	IPSF16&1	7035 x 6350
2-1/8 x 2-3/4 x 8-1/2"	IPSF17	7035 x 6350
2-1/8 x 3-1/8 x 8-1/2"	IPSF17&3	8030 x 6985
2-1/4 x 2-15/16 x 9"	IPSF18-1/2	7660 x 6350
2-1/4 x 3-3/8 x 9"	IPSF18&3	8610 X 7938
2-3/8" X 3 X 9-1/2"	IPSF19	7660 X 6853
2-3/8 X 3-1/8 X 9-1/2"	IPSF19&1	8030 X 6985
2-3/8 x 3-3/8 x 9-1/2"	IPSF19&3	8610 x 7938
2-1/2 x 3 x 10"	IPSF20-2	7660 x 6853
2-1/2 x 3-1/2 x 10"	IPSF20&2	9030 x 8255
2-5/8 x 3-3/8 x 10-1/2"	IPSF21	8610 x 7938
2-3/4 x 2-2/8 x 11"	IPSF22-3	8610 X 7938
2-3/4 x 3-3/4 x 11"	IPSF22	9560 x 8730
2-7/8 x 3-1/2 x 11-1/2"	IPSF23	9030 x 8255
2-7/8 x 3-3/4 x 11-1/2"	IPSF23&2	9560 x 8730
3-1/4 x 4 x 13"	IPSF26	10190 x 9208
3-1/2 x 4-14 x 14"	IPSF28-2	10900 x 9684
3-3/4 x 4-1/2 x 15"	IPSF30-4	11700 x 10434
3-3/4 x 5-1/4 x 15"	IPSF30&2	13700 x 12400
5 x 6 x 20"	IPSF40-1	15700 x 14288
PHENOLIC METRIC IMPERIAL - MIPSF		
20 x 1-3/8" x 80mm	MIPSF20&1	3530 x 2799
22 x 1-3/8" x 88mm	MIPSF22&1	3530 x 2799
25 x 1-1/4" x 100mm	MIPSF25X1.25	3530 x 2799
30 x 1-5/8" x 115mm	MIPSF30MOD115	4185 x 3094
32 x 1-3/4" x 128mm	MIPSF32	4475 x 3844
35 x 2" x 140mm	MIPSF35&1	5110 x 4524
38 x 2" x 152mm	MIPSF38	5110 x 4524
BRASS METRIC - MBSF		
1" x 34 x 60mm	MBSF1x34x60	36.51 x 3.25
20 x 35 x 60mm	MBSF20	36.51 x 3.25
22 x 35 x 88mm	MBSF22	36.51 x 3.25
25 x 34 x 60mm	MBSF25x34x60	36.51 x 3.25
25 x 36 x 80mm	MBSF25x36x80	41 x 28
25 x 36 x 90mm	MBSF25x36x90	41 x 28
25 x 36 x 100mm	MBSF25x36x100	41 x 28
28 x 42 x 112mm	MBSF28	42.86 x 3.25
30 x 40 x 120mm	MBSF30x40x120	41.28 x 3.25
32 x 45 x 128mm	MBSF32	46.04 x 3.25
35 x 45 x 140mm	MBSF35x45x140	51 x 39
38 x 55 x 152mm	MBSF38	56.56 x 4.06
38.1 x 52 x 152.4mm	MBSF38.1x52x152.4	56 x 34

40 x 50 x 160mm	MBSF40x50x160	50.8 x 3.25
45 x 60 x 180mm	MBSF45x60x180	61.91 x 4.06
50 x 80 x 183mm	MBSF50x80x183	81 x 58
56 x 76 x 70mm	MBSF56x76x70	77.47 x 3.81
60 x 85 x 240mm	MBSF60x85x240	87.00 x 4.75
60 x 90 x 150mm	MBSF60x90x150	91 x 68
65 x 80.5 x 100mm	MBSF65x80.5x100	82.55 x 4.88
66.675 x 100 x 320mm	MBSF66.675x100x320	102 x 78
75 x 96 x 130mm	MBSF75x96x130	102 x 78
80 x 100 x 165mm	MBSF80x100x165	102.87 x 5.41
80 x 102 x 320mm	MBSF80x102x320	107 x 93
90 x 114 x 203mm	MBSF90x114x203	116.50 x 5.00
90 x 115 x 360mm	MBSF90x115x360	116.50 x 5.00
90 x 125 x 360mm	MBSF90x125x360	127 x 108
90 x 131.3 x 100mm	MBSF90x131.30x100	142 x 108
95 x 114.3 x 230mm	MBSF95x114.3x230	116.50 x 5.00
95 x 123 x 380mm	MBSF95x123x380	127 x 108
100 x 130 x 400mm	MBSF100x130x400	132 x 108
100 x 133 x 400mm	MBSF100x133x400	137 x 118
100 x 135.40 x 400mm	MBSF100x135.40x400	137 x 118
105 x 130 x 155mm	MBSF105x130x155	137 x 118
110 x 135 x 380mm	MBSF110MOD380	137 x 118
115 x 140 x 460mm	MBSF115x140x460	142 x 118
115 x 145 x 460mm	MBSF115x145x460	152 x 128
120 x 145 x 480mm	MBSF120x145x480	152 x 118
120 x 145 x 220mm	MBSF120x145x220	152 x 128
125 x 155 x 500mm	MBSF125x155x500	157 x 138
BRASS METRIC - MBSF		
7/8 x 1-1/4 x 3-1/2"	IBSF07-1	33.34 x 2.33
7/8 x 1-3/8 x 3-1/2"	IBSF07	36.51 x 3.25
7/8 x 1-1/2 x 3-1/2"	IBSF07&1	39.69 x 3.25
1 x 1-3/8 x 4"	IBSF08-1	36.51 x 3.25
1 x 1-5/8 x 4"	IBSF08&1	42.86 x 3.25
1 x 1-7/8 x 4"	IBPSF08&3	49.21 x 3.25
1 x 2 x 4"	IBSF08&4	52.39 x 3.25
1-1/8 x 1-3/8 x 4-1/2"	IBSF09-2	36.51 x 3.25
1-1/8 x 1-1/2 x 4-1/2"	IBSF09-1	39.69 x 3.25
1-1/8 x 1-5/8 x 4-1/2"	IBSF09	42.86 x 3.25
1-1/8 x 1-3/4 x 4-1/2"	IBSF09&1	46.04 x 3.25
1-1/8 x 1-7/8 x 3-1/2"	IBSF09&2	49.21 x 3.25
1-1/8 x 2 x 4-1/2"	IBSF09&3	52.39 x 3.25
1-1/4 x 1-5/8 x 5"	IBSF10-1	42.86 x 3.25
1-1/4 x 2-1/8 x 5"	IBSF10&3	56.56 x 4.06
1-3/8 x 1-3/4 x 5-1/2"	IBSF11-1	46.04 x 3.25

1-3/8 x 1-7/8 x 5-1/2"	IBSF11	49.21 x 3.25
1-3/8 x 2 x 5-1/2"	IBSF11&1	52.39 x 3.25
1-3/8 X 2-1/8 X 5-1/2"	IBSF11&2	56.56 x 4.06
1-3/8 x 2-3/8 x 5-1/2"	IBSF11&4	61.91 x 4.06
1-1/2 x 1-7/8 x 6"	IBSF12-1	49.21 x 3.25
1-1/2 x 1-7/8 x 5"	IBSF12-1MOD5	49.21 x 3.25
1-1/2 x 2-1/8 x 6"	IBSF12&1	56.56 x 4.06
1-1/2 x 2-1/4 x 6"	IBSF12&2	61 x 38
1-1/2 x 2-3/8 x 6"	IBSF12&3	61.91 x 4.06
1-5/8 X 2-1/8 X 6-1/2	IBSF13	56.56 x 4.06
1-5/8 x 2-3/8 x 6-1/2"	IBSF13&3	61.91 x 4.06
1-5/8 x 2-5/8 x 6-1/2"	IBSF13&4	67.95 x 3.81
1-3/4 x 2-1/2 x 7"	IBSF14&1	2-17/32 x 1-31/32
1-7/8 x 2-5/8 x 7-1/2"	IBSF15	67.95 x 3.81
2 x 2-11/16 x 8"	IBSF16&1/2	71 x 58
2 x 2-3/4 x 8"	IBPSF16&1	71.50 x 4.00
2-1/8 x 2-3/4 x 8-1/2"	IBSF17	71.50 x 4.00
2-1/8 x 2-15/16 x 8-12"	IPSF17&1/2	3-1/32 x 1-31/32
2-1/8 x 3 x 8-1/2"	IBSF17&2	77.47 x 3.81
2-18 x 3-1/8 x 8-1/2"	IBSF17&3	82.55 x 4.88
2-1/4 x 3 x 10"	IBSF18MOD10	77.47 x 3.81
2-1/4 x 2-15/16 x 9"	IBSF18-1/2	81 x 68
2-1/4 x 2-3/4 x 9"	IBSF18-2	76 x 58
2-1/4 x 3-1/4 x 9"	IBSF18&2	84.12 x 4.75
2-1/4 x 3-3/8 x 9"	IBSF18&3	87.00 x 4.75
2-1/4 x 3-3/8 x 10"	IBSF18&3MOD10	87.00 x 4.75
2-3/8" X 3 X 9-1/2"	IBSF19	77.47 x 3.81
2-3/8 X 3-1/8 X 9-1/2"	IBSF19&1	82.55 x 4.88
2-1/2 x 3-3/8 x 10"	IBSF20&1	87.00 x 4.75
2-1/2 x 3-1/2 x 10"	IBSF20&2	91.50 x 4.00
2-1/2 x 3-3/4 x 10"	IBSF20&4	96.52 x 4.75
2-5/8 x 3-3/8 x 10-1/2"	IBSF21	87.00 x 4.75
2-3/4 x 2-2/8 x 11"	IBSF22-3	87.00 x 4.75
2-3/4 x 3-3/4 x 11"	IBSF22	96.52 x 4.75
2-7/8 x 3-1/2 x 11-1/2"	IBSF23	91.50 x 4.00
2-7/8 x 3-3/4 x 11-1/2"	IBSF23&2	96.52 x 4.75
3-1/4 x 4 x 13"	IBSF26	102.87 x 5.41
3-1/2 x 4-14 x 14"	IBSF28-2	112 x 98
3-3/4 x 4-1/2 x 15"	IBSF30-4	116.50 x 5.00
3-3/4 x 4-3/4 x 15"	IBSF30-2	127 x 108
4-3/8 x 5-3/4 x 17-1/2"	IBSF35	152 x 128
4-1/2 x 5-5/8 x 18"	IBSF36&1	147 x 128
5 x 6 x 20"	IBSF40-1	157 x 138
BRASS METRIC IMPERIAL - MIBSF		

20 x 1-3/8" x 80mm	MIBSF20&1	36.51 x 3.25
22 x 1-3/8" x 88mm	MIBSF22&1	36.51 x 3.25
25 x 1-1/4" x 100mm	MIBSF25X1.25	33.34 x 2.33
30 x 1-5/8" x 120mm	MIBSF30-1	42.86 x 3.25
35 x 2" x 140mm	MIBSF35&1	52.39 x 3.25
38 x 2" x 152mm	MIBSF38	52.39 x 3.25
55 x 2-7/8" x 220mm	MIBSF55	3-1/32 x 1-31/32
55 x 3" x 220mm	MIBSF55x3	77.47 x 3.81
65 x 3-1/4" x 260mm	MIBSF65-1	84.12 x 4.75
70 x 4" x 280mm	MIBSF70&4	102.87 x 5.41
75 x 4" x 300mm	MIBSF75	102.87 x 5.41
80 x 4" x 12"	MIBSF80MOD12	102.87 x 5.41
100 x 5" x 400mm	MIBSF100-2	128.27 x 5.41
100 x 5-1/4" x 400mm	MIBSF100-2	137 x 118
110 x 5-1/2" x 400mm	MIBSF110x5-1/2x400	142 x 118
GRP METRIC - MGSF		
25.4 x 36 x 69.85mm	MGSF25.4x36x69.85	3840 x 3205
30 x 40 x 120mm	MGSF30x40x120	4030 x 3493
40 x 50 x 160mm	MGSF40x50x160	5110 x 4524
55 x 75 x 220mm	MGSF55	7660 x 6853
60 x 85 x 240mm	MGSF60x85x240	8530 x 7938
70 x 95 x 280mm	MGSF70x96x280	9530 x 8730
70 x 100 x 280mm	MGSF70x100x280	10190 x 8255
75 x 100 x 300mm	MGSF75x100x300	10190 x 9208
80 x 100 x 160mm	MGSF80x100x160	10190 x 9208
80 x 105 x 340mm	MGSF80x105x340	10700 x 9525
90 x 115 x 360mm	MGSF90x115x360	11700 x 10434
110 x 135 x 440mm	MGSF110	13700 x 12400
115 x 145 x 460mm	MGSF115	14700 x 13335
120 x 155 x 480mm	MGSF120	15700 x 14288
GRP IMPERIAL - IGSF		
7/8 x 1-1/4 x 3-1/2"	IGSF07-1	3205 x 2799
7/8 x 1-3/8 x 3-1/2"	IGSF07	3530 x 2799
7/8 x 1-1/2 x 3-1/2"	IGSF07&1	3840 x 3205
1 x 1-3/8 x 4"	IGSF08-1	3530 x 2799
1 x 1-5/8 x 4"	IGSF08&1	4185 x 3094
1 x 1-7/8 x 4"	IGSF08&3	4790 x 4115
1 x 2 x 4"	IGSF08&4	5110 x 4524
1-1/8 x 1-3/8 x 4-1/2"	IGSF09-2	3530 x 2799
1-1/8 x 1-1/2 x 4-1/2"	IGSF09-1	3840 x 3205
1-1/8" x 1-3/4 x 4-1/2"	IGSF09&1	4475 x 3844
1-1/8 x 2 x 4-1/2"	IGSF09&3	5110 x 4524
1-1/4 x 1-5/8 x 5"	IGSF10-1	4185 x 3094
1-1/4 x 2-1/8 x 5"	IGSF10&3	5433 x 4763

1-3/8 x 2 x 5-1/2"	IGSF11&1	5110 x 4524
1-3/8 X 2-1/8 X 5-1/2"	IGSF11&2	5433 X 4763
1-3/8 x 2-3/8 x 5-1/2"	IGSF11&4	6068 x 5398
1-1/2 x 2-1/8 x 6"	IGSF12&1	5433 x 4763
1-1/2 X 2-3/8 X 6"	IGSF12&3	6068 x 5398
1-5/8 X 2-1/8 X 6-1/2	IGSF13	5433 X 4763
1-5/8 x 2-5/8 x 6-1/2"	IGSF13&4	6703 x 5715
1-3/4 x 2-1/2 x 7"	IGSF14&1	6703 x 5715
1-7/8 x 2-5/8 x 7-1/2"	IGSF15	6703 x 5715
2 x 2-3/4 x 8"	IGSF16&1	7035 x 6350
2-1/8 x 2-3/4 x 8-1/2"	IGSF17	7035 x 6350
2-1/8 x 3-1/8 x 8-1/2"	IGSF17&3	8030 x 6985
2-1/4 x 2-15/16 x 9"	IGSF18&1/2	7660 x 6350
2-1/4 x 3-3/8 x 9"	IGSF18&3	8610 X 7938
2-3/8" X 3 X 9-1/2"	IGSF19	7660 X 6853
2-3/8 X 3-1/8 X 9-1/2"	IGSF19&1	8030 X 6985
2-3/8 x 3-3/8 x 9-1/2"	IGSF19&3	8610 x 7938
2-1/2 x 3-1/2 x 10"	IGSF20&2	9030 x 8255
2-5/8 x 3-3/8 x 10-1/2"	IGSF21	8610 x 7938
2-3/4 x 2-2/8 x 11"	IGSF22-3	8610 X 7938
2-3/4 x 3-3/4 x 11"	IGSF22	9560 x 8730
2-7/8 x 3-1/2 x 11-1/2"	IGSF23	9030 x 8255
2-7/8 x 3-3/4 x 11-1/2"	IGSF23&2	9560 x 8730
3-1/4 x 4 x 13"	IGSF26	10190 x 9208
3-1/2 x 4-14 x 14"	IGSF28-2	10900 x 9684
3-3/4 x 4-1/2 x 15"	IGSF30-4	11700 x 10434
3-3/4 x 5 x 15"	IGSF30	12900 x 11430
4-1/4 x 5-1/4 x 17"	IGSF34	13700 x 12400
5 x 6 x 20"	IGSF40-1	15700 x 14288
All Rubber Metric Flanged Bearings		
22 x 29 x 75 x 39 x 5mm	MRSFF22X29X75	as moulded
22 x 36 x 75 x 46 x 5mm	MRSFF22X36X75	as moulded
25 x 34 x 55 x 46 x 5mm	MRSFF25X34X55	as moulded
25 x 36 x 100 x 46 x 5mm	MRSFF25X36X100	as moulded
25 x 40 x 100 x 50 x 5mm	MRSFF25X40X100	as moulded
25 x 40 x 120 x 50 x 5mm	MRSFF25X40X120	as moulded
30 x 40 x 100 x 50 x 5mm	MRSFF30X40X100	as moulded
30 x 40 x 120 x 50 x 5mm	MRSFF30X40X120	as moulded