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**WE
FOCUS ON ...**

- ◉ Metal Polymer Dry Bearings
- ◉ CLI01 | CLI01B | CLI04 | CLI04B **Fibres & PTFE Lined Bearings**
- ◉ CLI02 | CLI03 **POM Lined Bearings**
- ◉ Stainless Steel Bearings
- ◉ Door Hinge Bearings
- ◉ Shock Absorber Bearings



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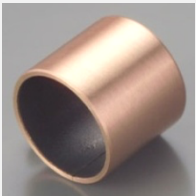
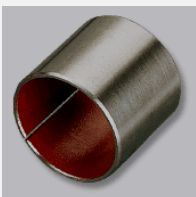
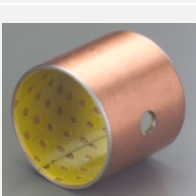
ISO/TS16949:2009

STANDARDIZED

SLIDING BEARING FACTORY

Product List



	CLI01	CLI01 Dry Bearings, Steel backing, With lead / Lead Free Metal-polymer-composite material Carbon Steel + porous bronze sinter + PTFE / Pb Self-lubricating & Maintenance-free	4/51
	CLI01-B	CLI01-B Dry Bearings, Bronze backing, With lead / Lead Free Metal-polymer-composite material Bronze Steel + porous bronze sinter + PTFE / Pb Self-lubricating & Maintenance-free	5/51
	CLI04	CLI04 Dry Bearings, Steel backing, Lead Free Metal-polymer-composite material Carbon Steel + porous bronze sinter + PTFE / Pb Self-lubricating & Maintenance-free	6/51
	CLI05	CLI05 Dry Bearings, Steel backing, PTFE and Fabric, Lead Free Metal-polymer-composite material Carbon steel + PTFE + fibre fabric Low-maintenance	7/51
	CLISS	CLISS Dry Bearings, Stainless steel backing, Lead Free/ With lead Metal-polymer-composite material Stainless steel (SUS-316) + porous bronze sinter + PTFE + Pb Self-lubricating & Maintenance-free	8/51
	CLI02	CLI02 Bearing / Self-lubricated, Sintered bronze with POM, Lead Free Metal-polymer-composite material Carbon steel + porous bronze sinter + POM with lubrication indents Lead free & Low-maintenance	9/51
	CLI03	CLI03 Dry Bearings, PEEK + PTFE, High Temperature & Lead Free Metal-polymer-composite material Carbon steel + porous bronze sinter + PEEK + PTFE + filler Lead free & Low-maintenance & High temperature	10/51
	Door Hinge	Door Hinge Bearings, bronze mesh / aluminum mesh Metal-polymer-composite material CuSn6 mesh + PTFE + Pb Self-lubricating & Maintenance-free	11/51

**CLI INDUSTRIAL CO., LTD.**ISO 9001:2000 Standardized
Sliding Bearing Factory

Metal Polymer Dry Bearings

■ DU Bearings ■ DU-B Bearings ■ DP4 Bearings ■ DP31 Bearings ■ DH Bearings ■ SS Bearings
■ DX Bearings ■ HX Bearings ■ Bearings for Shock Absorber ■ Door Hinge Bearings

● Product Code: CLI01



● Descriptions

Material: Carbon steel + porous bronze sinter + PTFE ± Pb

Metal-polymer composite material

Self-lubricating & Maintenance-free

● Features

1. CLI01 bearings material has very good wear and friction performance over a wide range of loads, speeds and temperature conditions.
2. CLI01 dry bearings material also performs well with lubrication.

● Possible Applications

Automotive: McPherson struts and shock absorbers, doors, bonnets and tailgate hinges, steering columns, clutches, gearbox selector fork guides, wiper arms, power steering pumps, pedal bushes, ABS equipment, etc.

Industrial: Aerospace, agricultural equipment, construction equipment, material handling equipment, forming machines-metal, plastic and rubber, office equipment, medical and scientific equipment, packaging equipment, pneumatic and hydraulic cylinders, pumps and motors, railroad and ramways, textile machinery, valves, etc.

Marine and offshore equipment, other applications in water or in outdoor environments.

● Structure



- sliding layer (PTFE/Pb)
- porous bronze sinter
- steel backing
- tin plated

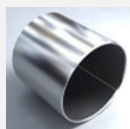
● Physical and Mechanical Properties

Thermal Conductivity λ	40	W/mK
Maximum Operating Temperature Tmax	280	°C
Minimum Operating Temperature Tmin	-200	°C
Compressive Yield Strength σ_c	350	N/mm ²
Maximum Static Load Psta,max	250	N/mm ²
Maximum Dynamic Load Pdyn,max	140	N/mm ²
Maximum Sliding Speed V-dry	2.5	m/s
Maximum PV Factor-dry, continuous operation	1.8	N/mm ² * m/s
Maximum PV Factor-dry, intermittent operation	3.5	N/mm ² * m/s
Coefficient of friction f-dry	0.02-0.25	-
Coefficient of friction f-oil lubricated	0.02-0.12	-

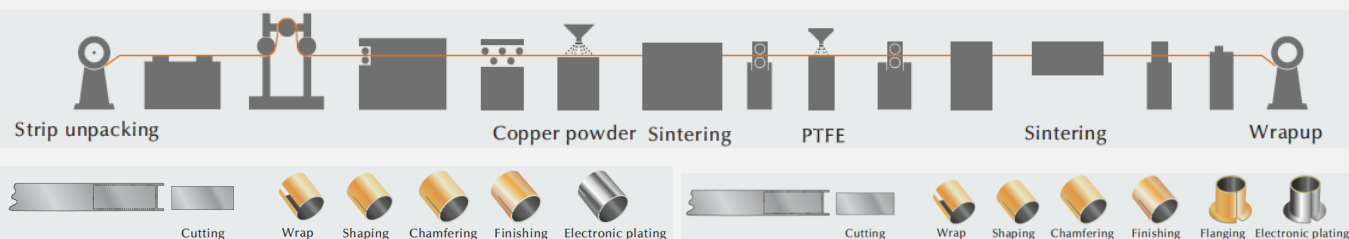
● Usage

dry	good
oil lubricated	good
grease lubricated	fair
water lubricated	fair
process fluid lubricated	fair

● Available Forms



● Production Process Flow





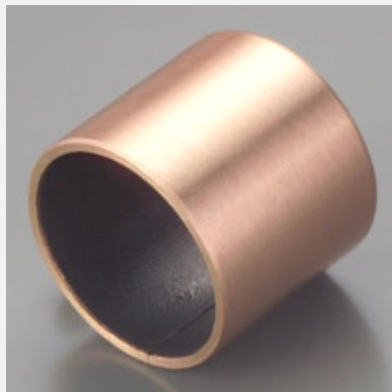
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● Product Code: CLI01-B



● Descriptions

Material: **Bronze backing + porous bronze sinter + PTFE ± Pb**

Metal-polymer composite material

Self-lubricating & Maintenance-free

● Features

1. Have very good wear and friction performance over a wide range of loads, speeds and temperature conditions.
2. Performs well with lubrication.
3. Bronze backing provides improved corrosion resistance compared with CLI01 dry bearing
4. CLI01-B material is approved according to EN1337-2 standard for structural bearings for German engineering applications.

● Possible Applications

Automotive: McPherson struts and shock absorbers, doors, bonnets and tailgate hinges, steering columns, clutches, gearbox selector fork guides, wiper arms, power steering pumps, pedal bushes, ABS equipment, etc.

Industrial: Aerospace, agricultural equipment, construction equipment, material handling equipment, forming machines-metal, plastic and rubber, office equipment, medical and scientific equipment, packaging equipment, pneumatic and hydraulic cylinders, pumps and motors, railroad and ramways, textile machinery, valves, etc.

Marine and offshore equipment, other applications in water or in outdoor environments.

● Structure



- PTFE/Pb
- porous bronze sinter
- bronze backing

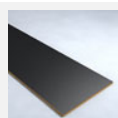
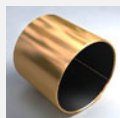
● Physical and Mechanical Properties

Thermal Conductivity λ	60	W/mK
Maximum Operating Temperature Tmax	280	°C
Minimum Operating Temperature Tmin	-200	°C
Compressive Yield Strength σ_c	300	N/mm ²
Maximum Static Load Psta,max	140	N/mm ²
Maximum Dynamic Load Pdyn,max	140	N/mm ²
Maximum Sliding Speed V-dry	2.5	m/s
Maximum PV Factor-dry, continuous operation	1.8	N/mm ² * m/s
Maximum PV Factor-dry, intermittent operation	3.5	N/mm ² * m/s
Coefficient of friction f-dry	0.02-0.25	
Coefficient of friction f-oil lubricated	0.02-0.12	

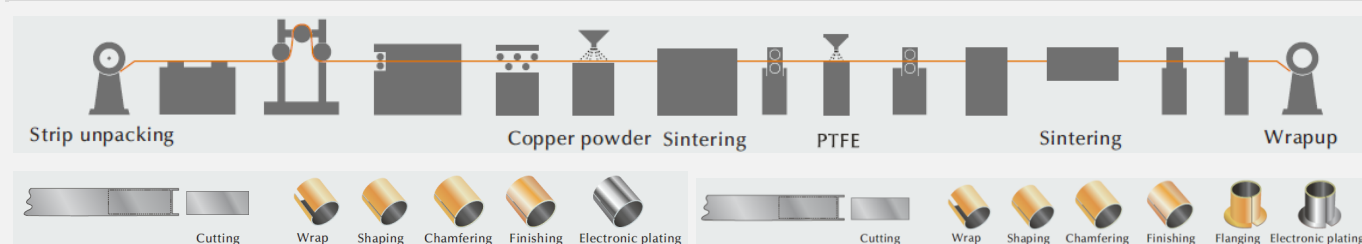
● Usage

dry	very good
oil lubricated	good
grease lubricated	fair
water lubricated	good
process fluid lubricated	fair

● Available Forms



● Production Process Flow





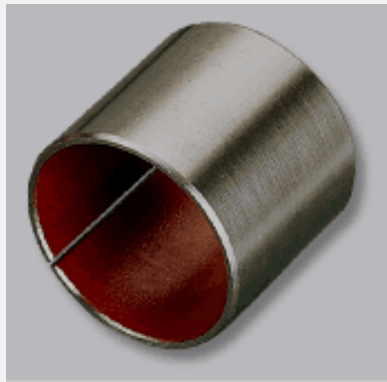
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Sliding Bearing Factory

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● Product Code: **CLI04**



● Descriptions

Material: **Steel Backing + Sintered Bronze Powder + PTFE + CaF2 + Fillers** **Lead Free**

Metal-polymer composite material

Self-lubricating & Maintenance-free

● Features

1. CLI04 Dry Bearings material is compliant with the European Union's End of Life Vehicles (ELV) directive 2000/53/EC on the elimination of hazardous materials in the construction of passenger cars and light trucks.
2. CLI04 Dry Bearings material is compliant with the European Union Directive 2002/95/EC concerning the restriction of the use of certain hazardous substances in electrical and electronic equipment (RoHS Regulation).

3. CLI04 Dry Bearings material has good wear resistance and low friction performance over a wide range of loads, speeds conditions

4. CLI04 Dry Bearings material has very good performance in oil lubricated heavy duty hydraulic applications.

● Structure



→ Caf2+ PTFE + Fillers

→ porous bronze sinter

→ steel backing

→ tin plated

● Possible Applications

1. **Automotive:** McPherson struts and shock absorbers, doors, bonnets and tailgate hinges, steering columns, clutches, gearbox selector fork guides, wiper arms, power steering pumps,
2. **Industrial:** Aerospace, agricultural equipment, construction equipment, material handling equipment, forming machines-metal, plastic and rubber, office equipment, medical and scientific equipment, packaging equipment, pneumatic and hydraulic cylinders, pumps and motors, railroad and ramways, textile machinery, valves, etc.
3. Marine and offshore equipment, other applications in water or in outdoor environments.

● Physical and Mechanical Properties

Maximum Operating Temperature Tmax	280	°C
Minimum Operating Temperature Tmin	-200	°C
Maximum Static Load Psta,max	250	N/mm2
Maximum Dynamic Load Pdyn,max	140	N/mm2
Maximum Sliding Speed V-dry	2.5	m/s
Maximum Sliding Speed V-oil lubricated	5	m/s
Maximum PV Factor-dry	1	N/mm2 * m/s
Maximum PV Factor-oil lubricated	10	N/mm2 * m/s
Coefficient of friction f-dry	0.04-0.25	-
Coefficient of friction f-oil lubricated	0.02-0.08	-

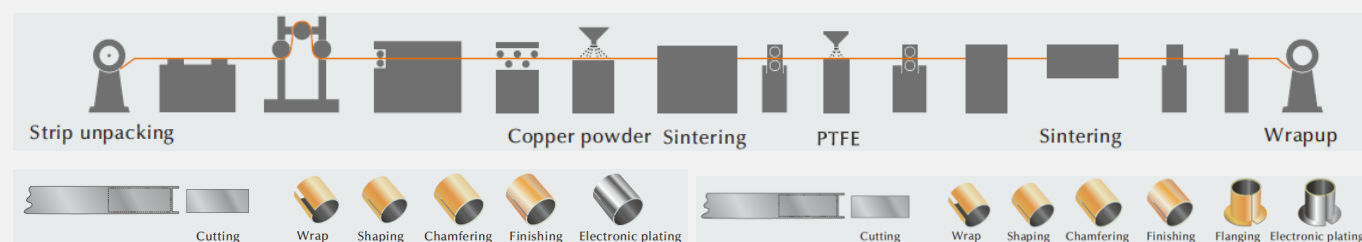
● Usage

dry	good
oil lubricated	very good
grease lubricated	good
water lubricated	fair
process fluid lubricated	good

● Available Forms



● Production Process Flow



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● Product Code: CLI05



● Descriptions

Material: Carbon steel + PTFE + fibre fabric **Lead Free**

Metal-polymer composite material

Self-lubricating & Maintenance-free

● Futures

Suitable for dry running, low coefficient of friction, lower wear, good sliding characteristics, forming a transfer film can protect the mating metal surface, suitable for rotary and oscillating movement.

● Structure



→ PTFE+ fibre fabric
→ porous bronze sinter
→ Carbon steel backing
→ Tin Coating

● Possible Applications

1. High load capacity
2. Self-lubricating under dry operation
3. Low static and dynamic coefficient of friction
4. Minimum wear and excellent operating life
5. High chemical resistance and compatibility with fluids
6. Wide range of operating temperature
7. High corrosion strength linked with the housing

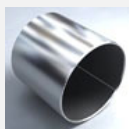
● Physical and Mechanical Properties

Static Load	250N/m ²
Very low speed Load	140N/m ²
Rotating oscillating Load	60N/m ²
Continuous operation	3.6N/m ² * m/s
Continuous operation	1.8N/m ² * m/s
Temp. limit	-195℃~+280℃
Friction coefficient	0.05~0.20
Dry running speed	2m/s
Hydrodynamic operation speed	>2m/s
Thermal conductivity	42W(m * K) ⁻¹
Coefficient of thermal expansion	11 * 10 ⁻⁶ * K ⁻¹

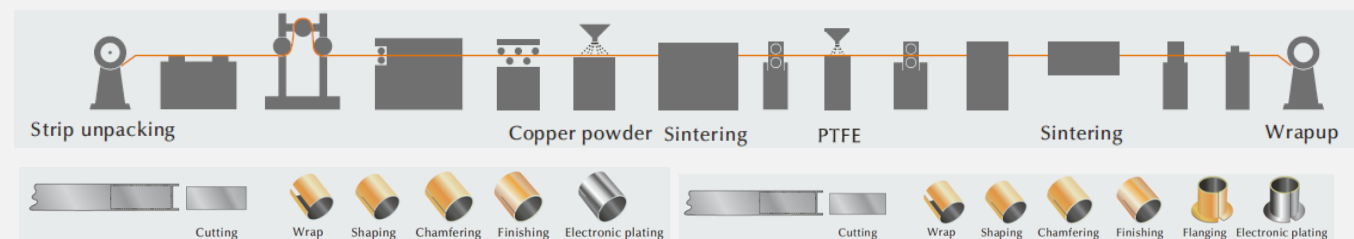
● Usage

Dry	Very good
Oil	Fair
Grease	Fair
Water	Fair
Process fluid	Fair

● Available Forms



● Production Process Flow





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● Product Code: **CLISS**



● Descriptions

Material: **Stainless steel (SUS-316) + porous bronze sinter + PTFE ± Pb**

Metal-polymer composite material

Self-lubricating & Maintenance-free

● Futures

1. CLISS Dry Bearings material has good wear resistance and low friction performance over a wide range of loads, speeds and temperature conditions.
2. CLISS Dry Bearings material also performs well with lubrication.
3. CLISS Dry Bearings material (stainless steel backing) provides improved corrosion resistance compared with DU Dry Bearings material.
4. CLISS Dry Bearings can use CLI02 layer, CLI03 layer, CLI04, CLI31...as its sliding layer.

● Structure



→ sliding layer

→ porous bronze sinter

→ Stainless steel backing
(SUS-316)

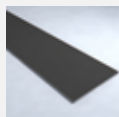
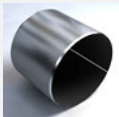
● Possible Applications

1. *Automotive*: McPherson struts and shock absorbers, doors, bonnets and tailgate hinges, steering columns, clutches, gearbox selector fork guides, wiper arms, power steering pumps,
2. *Industrial*: Aerospace, agricultural equipment, construction equipment, material handling equipment, forming machines-metal, plastic and rubber, office equipment, medical and scientific equipment, packaging equipment, pneumatic and hydraulic cylinders, pumps and motors, railroad and ramways, textile machinery, valves, etc.
3. Marine and offshore equipment, other applications in water or in outdoor environments.

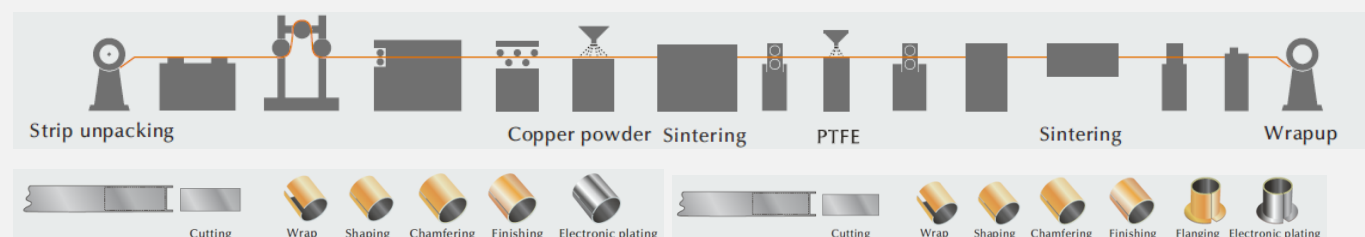
● Physical and Mechanical Properties

Maximum Operating Temperature Tmax	280	°C	dry	very good
Minimum Operating Temperature Tmin	-200	°C	oil lubricated	good
Maximum Static Load Psta,max	250	N/mm2	grease lubricated	fair
Maximum Dynamic Load Pdyn,max	140	N/mm2	water lubricated	fair
Maximum Sliding Speed V-dry	2.5	m/s	process fluid lubricated	fair
Maximum Sliding Speed V-oil lubricated	5	m/s		
Maximum PV Factor-dry	1	N/mm2 * m/s		
Maximum PV Factor-oil lubricated	10	N/mm2 * m/s		
Coefficient of friction f-dry	0.04-0.25	-		
Coefficient of friction f-oil lubricated	0.02-0.08	-		

● Available Forms



● Production Process Flow

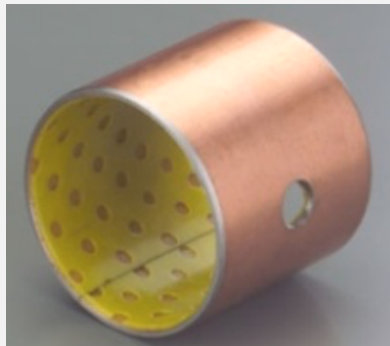


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● Product Code: CLI02

Lead Free

● Descriptions

Material: Carbon Steel + porous bronze sinter + Yello POM with lubrication indents

Carbon Steel + porous bronze sinter + Orange POM with lubrication indents

Carbon Steel + porous bronze sinter + Blue POM with lubrication indents

Metal-polymer composite material

Self-lubricating & Maintenance-free

● Features

1. CLI02 Marginally Lubricated Bearings is for grease or oil lubricated applications.
2. CLI02 Marginally Lubricated Bearings standard parts contain grease indents in the sliding layer, and plain sliding layer is also available on request.
3. CLI02 Marginally Lubricated Bearings has optimum performance under high loads and low speeds.
4. CLI02 Marginally Lubricated Bearings is suitable for linear, oscillating and rotating movements.

● Structure



→ POM

→ porous bronze sinter

→ steel backing

→ bronze coating

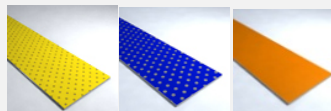
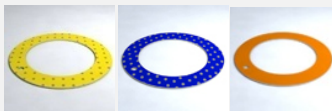
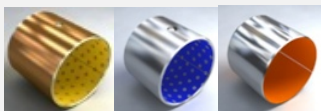
● Possible Applications

1. *Automotive:* McPherson struts and shock absorbers, doors, bonnets and tailgate hinges, steering columns, clutches, gearbox selector fork guides, wiper arms, power steering pumps,
2. *Industrial:* Aerospace, agricultural equipment, construction equipment, material handling equipment, forming machines-metal, plastic and rubber, office equipment, medical and scientific equipment, packaging equipment, pneumatic and hydraulic cylinders, pumps and motors, railroad and ramways, textile machinery, valves, etc.
3. Marine and offshore equipment, other applications in water or in outdoor environments.

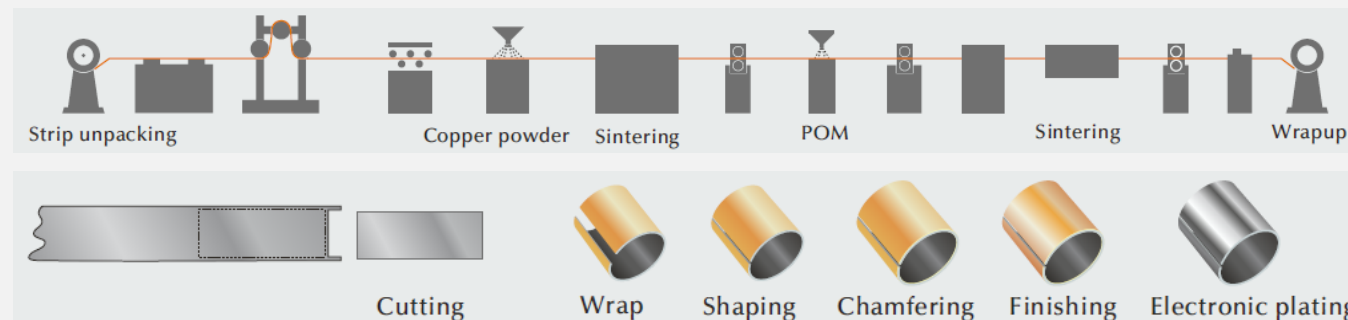
● Physical and Mechanical Properties

			● Usage	
Maximum Operating Temperature Tmax	130	°C	dry	poor
Minimum Operating Temperature Tmin	-140	°C	oil lubricated	good
Maximum Static Load Psta,max	140	N/mm2	grease lubricated	very good
Maximum Dynamic Load Pdyn,max	70	N/mm2	water lubricated	poor
Maximum Sliding Speed V-greased	2.5	m/s	process fluid lubricated	poor
Maximum PV Factor-greased	2.8	N/mm2 * m/s		
Coefficient of friction f-greased	0.06-0.12	-		

● Available Forms



● Production Process Flow



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● Product Code: CLI03



● Descriptions

Material: Carbon Steel + porous bronze sinter + PEEK + PTFE + filler **Lead Free**

Metal-polymer composite material

Low-maintenance & High temperature

● Futures

1. CLI03 Marginally Lubricated Bearings has good wear resistance under thin lubrication film conditions.
2. CLI03 Marginally Lubricated Bearings is also available with plain sliding layer for hydrodynamic applications.
3. CLI03 Marginally Lubricated Bearings is suitable for use with low viscosity fluids.
4. CLI03 Marginally Lubricated Bearings is suitable for use at temperatures up to 250°C.
5. CLI03 Marginally Lubricated Bearings' polymer lining has good chemical resistance.

● Structure



→ PEEK + PTFE + filler

→ porous bronze sinter

→ steel backing

→ bronze coating

● Possible Applications

Automotive:

Diesel fuel pumps, gear pumps, ABS equipment.

Industrial:

Hydraulic motors and pumps, agricultural equipment, wind energy equipment, yaw and teeter bearings.

● Physical and Mechanical Properties

Maximum Operating Temperature Tmax

250

°C

Minimum Operating Temperature Tmin

-150

°C

Maximum Static Load Psta,max

140

N/mm²

Maximum Dynamic Load Pdyn,max

100

N/mm²

Maximum Sliding Speed V-greased

2.5

m/s

Maximum Sliding Speed V-oil lubricated

10

m/s

Maximum PV Factor-greased

2.8

N/mm² * m/s

Coefficient of friction f-greased

0.08-0.12

Coefficient of friction f-oil lubricated

0.03-0.08

● Usage

dry

fail

oil lubricated

good

grease lubricated

very good

water lubricated

good

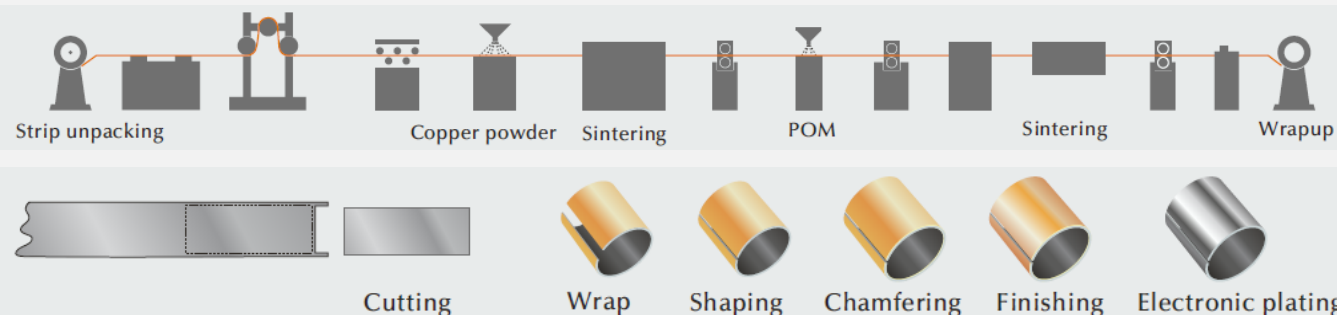
process fluid lubricated

good

● Available Forms



● Production Process Flow





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● Product Code: **Door Hinge Bearing**



● Descriptions

Material: **CuSn6 mesh + PTFE + Pb**

Aluminum mesh + PTFE + Pb + glass fibre

Bearing foil made from CuSn6 mesh

Self-lubricating & Maintenance-free

● Features

1. Low coefficient of friction.
2. No lubrication required.
3. Suitable for oscillating , reciprocating and rotating.
4. High wear resistance.
5. High load capacity.

6. Suitable for oscillating , reciprocating and rotating.

7. Corrosion resistant.

8. Good formability, suitable for spherical bearings, flanged bushes etc.

9. Easy assembly and to run.

● Possible Applications

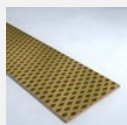
Automotive: Door hinge bushes, boot tailgate and bonnet hinge bushes, cabriolet roof-linkage bushes, belt tensioners, special shapers..

Industrial: Light duty linkages and pivots, intermediate bearing to accommodate lateral expansion and prevent fretting corrosion, low friction bearing pads.

● Physical and Mechanical Properties

			● Usage	
Maximum Operating Temperature Tmax	280	W/mK	dry	very good
Minimum Operating Temperature Tmin	-200	°C	oil lubricated	good
Maximum Static Load Psta,max	140	N/mm2	grease lubricated	fair
Maximum Dynamic Load Pdyn,max	140	N/mm2	water lubricated	fair
Maximum Dry Sliding Speed V	2.5	m/s	process fluid lubricated	fair
Maximum Oil Lubricated Sliding Speed V	5	m/s		

● Available Forms



Flanged bush

Thrust Washer

Plate

Plant Add: Dayun Industrial Zone, Jia Shan City,
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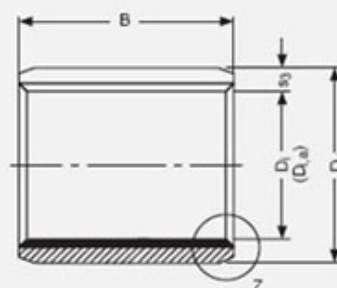
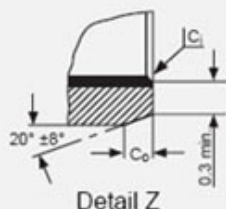
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DU Cylindrical Bush - Metric Size



CLI BEARINGS



Part No.	Di (mm)	Do (mm)	B (mm)	Housing	Shaft	Di,a max in H7 (mm)	Di,a min in H7 (mm)	Clearance max. (mm)	Clearance min. (mm)
0203CLI01	2	3.5	3	H6	h6	2.048	2	0.054	0
0205CLI01	2	3.5	5	H6	h6	2.048	2	0.054	0
0303CLI01	3	4.5	3	H6	h6	3.048	3	0.054	0
0305CLI01	3	4.5	5	H6	h6	3.048	3	0.054	0
0306CLI01	3	4.5	6	H6	h6	3.048	3	0.054	0
0403CLI01	4	5.5	3	H6	h6	4.048	4	0.056	0
0404CLI01	4	5.5	4	H6	h6	4.048	4	0.056	0
0406CLI01	4	5.5	6	H6	h6	4.048	4	0.056	0
0410CLI01	4	5.5	10	H6	h6	4.048	4	0.056	0
0505CLI01	5	7	5	H7	f7	5.055	4.99	0.077	0
0508CLI01	5	7	8	H7	f7	5.055	4.99	0.077	0
0510CLI01	5	7	10	H7	f7	5.055	4.99	0.077	0
0604CLI01	6	8	4	H7	f7	6.055	5.99	0.077	0
0606CLI01	6	8	6	H7	f7	6.055	5.99	0.077	0
0608CLI01	6	8	8	H7	f7	6.055	5.99	0.077	0
0610CLI01	6	8	10	H7	f7	6.055	5.99	0.077	0
0705CLI01	7	9	5	H7	f7	7.055	6.99	0.083	0.003
0710CLI01	7	9	10	H7	f7	7.055	6.99	0.083	0.003
0806CLI01	8	10	6	H7	f7	8.055	7.99	0.083	0.003
0808CLI01	8	10	8	H7	f7	8.055	7.99	0.083	0.003
0810CLI01	8	10	10	H7	f7	8.055	7.99	0.083	0.003
0812CLI01	8	10	12	H7	f7	8.055	7.99	0.083	0.003
1006CLI01	10	12	6	H7	f7	10.058	9.99	0.086	0.003
1008CLI01	10	12	8	H7	f7	10.058	9.99	0.086	0.003
1010CLI01	10	12	10	H7	f7	10.058	9.99	0.086	0.003
1012CLI01	10	12	12	H7	f7	10.058	9.99	0.086	0.003
1015CLI01	10	12	15	H7	f7	10.058	9.99	0.086	0.003
1020CLI01	10	12	20	H7	f7	10.058	9.99	0.086	0.003
1208CLI01	12	14	8	H7	f7	12.058	11.99	0.092	0.006
1210CLI01	12	14	10	H7	f7	12.058	11.99	0.092	0.006
1212CLI01	12	14	12	H7	f7	12.058	11.99	0.092	0.006

Part No.	Di (mm)	Do (mm)	B (mm)	Housing	Shaft	Di,a max in H7 (mm)	Di,a min in H7 (mm)	Clearance max. (mm)	Clearance min. (mm)
1215CLI01	12	14	15	H7	f7	12.058	11.99	0.092	0.006
1220CLI01	12	14	20	H7	f7	12.058	11.99	0.092	0.006
1225CLI01	12	14	25	H7	f7	12.058	11.99	0.092	0.006
1310CLI01	13	15	10	H7	f7	13.058	12.99	0.092	0.006
1320CLI01	13	15	20	H7	f7	13.058	12.99	0.092	0.006
1405CLI01	14	16	5	H7	f7	14.058	13.99	0.092	0.006
1410CLI01	14	16	10	H7	f7	14.058	13.99	0.092	0.006
1412CLI01	14	16	12	H7	f7	14.058	13.99	0.092	0.006
1415CLI01	14	16	15	H7	f7	14.058	13.99	0.092	0.006
1420CLI01	14	16	20	H7	f7	14.058	13.99	0.092	0.006
1425CLI01	14	16	25	H7	f7	14.058	13.99	0.092	0.006
1510CLI01	15	17	10	H7	f7	15.058	14.99	0.092	0.006
1512CLI01	15	17	12	H7	f7	15.058	14.99	0.092	0.006
1515CLI01	15	17	15	H7	f7	15.058	14.99	0.092	0.006
1520CLI01	15	17	20	H7	f7	15.058	14.99	0.092	0.006
1525CLI01	15	17	25	H7	f7	15.058	14.99	0.092	0.006
1610CLI01	16	18	10	H7	f7	16.058	15.99	0.092	0.006
1612CLI01	16	18	12	H7	f7	16.058	15.99	0.092	0.006
1615CLI01	16	18	15	H7	f7	16.058	15.99	0.092	0.006
1620CLI01	16	18	20	H7	f7	16.058	15.99	0.092	0.006
1625CLI01	16	18	25	H7	f7	16.058	15.99	0.092	0.006
1720CLI01	17	19	20	H7	f7	17.061	16.99	0.095	0.006
1810CLI01	18	20	10	H7	f7	18.061	17.99	0.095	0.006
1815CLI01	18	20	15	H7	f7	18.061	17.99	0.095	0.006
1820CLI01	18	20	20	H7	f7	18.061	17.99	0.095	0.006
1825CLI01	18	20	25	H7	f7	18.061	17.99	0.095	0.006
2010CLI01	20	23	10	H7	f7	20.071	19.99	0.112	0.01
2015CLI01	20	23	15	H7	f7	20.071	19.99	0.112	0.01
2020CLI01	20	23	20	H7	f7	20.071	19.99	0.112	0.01
2025CLI01	20	23	25	H7	f7	20.071	19.99	0.112	0.01
2030CLI01	20	23	30	H7	f7	20.071	19.99	0.112	0.01
2215CLI01	22	25	15	H7	f7	22.071	21.99	0.112	0.01
2220CLI01	22	25	20	H7	f7	22.071	21.99	0.112	0.01
2225CLI01	22	25	25	H7	f7	22.071	21.99	0.112	0.01
2230CLI01	22	25	30	H7	f7	22.071	21.99	0.112	0.01
2415CLI01	24	27	15	H7	f7	24.071	23.99	0.112	0.01
2420CLI01	24	27	20	H7	f7	24.071	23.99	0.112	0.01
2425CLI01	24	27	25	H7	f7	24.071	23.99	0.112	0.01
2430CLI01	24	27	30	H7	f7	24.071	23.99	0.112	0.01
2515CLI01	25	28	15	H7	f7	25.071	24.99	0.112	0.01
2520CLI01	25	28	20	H7	f7	25.071	24.99	0.112	0.01
2525CLI01	25	28	25	H7	f7	25.071	24.99	0.112	0.01
2530CLI01	25	28	30	H7	f7	25.071	24.99	0.112	0.01
2550CLI01	25	28	50	H7	f7	25.071	24.99	0.112	0.01
2815CLI01	28	32	15	H7	f7	28.085	27.99	0.126	0.01

Part No.	Di (mm)	Do (mm)	B (mm)	Housing	Shaft	Di,a max in H7 (mm)	Di,a min in H7 (mm)	Clearance max. (mm)	Clearance min. (mm)
2820CLI01	28	32	20	H7	f7	28.085	27.99	0.126	0.01
2825CLI01	28	32	25	H7	f7	28.085	27.99	0.126	0.01
3010CLI01	30	34	10	H7	f7	30.085	29.99	0.126	0.01
3015CLI01	30	34	15	H7	f7	30.085	29.99	0.126	0.01
3020CLI01	30	34	20	H7	f7	30.085	29.99	0.126	0.01
3025CLI01	30	34	25	H7	f7	30.085	29.99	0.126	0.01
3030CLI01	30	34	30	H7	f7	30.085	29.99	0.126	0.01
3040CLI01	30	34	40	H7	f7	30.085	29.99	0.126	0.01
3220CLI01	32	36	20	H7	f7	32.085	31.99	0.135	0.015
3230CLI01	32	36	30	H7	f7	32.085	31.99	0.135	0.015
3240CLI01	32	36	40	H7	f7	32.085	31.99	0.135	0.015
3520CLI01	35	39	20	H7	f7	35.085	34.99	0.135	0.015
3530CLI01	35	39	30	H7	f7	35.085	34.99	0.135	0.015
3535CLI01	35	39	35	H7	f7	35.085	34.99	0.135	0.015
3540CLI01	35	39	40	H7	f7	35.085	34.99	0.135	0.015
3550CLI01	35	39	50	H7	f7	35.085	34.99	0.135	0.015
3720CLI01	37	41	20	H7	f7	37.085	36.99	0.135	0.015
4020CLI01	40	44	20	H7	f7	40.085	39.99	0.135	0.015
4030CLI01	40	44	30	H7	f7	40.085	39.99	0.135	0.015
4040CLI01	40	44	40	H7	f7	40.085	39.99	0.135	0.015
4050CLI01	40	44	50	H7	f7	40.085	39.99	0.135	0.015
4520CLI01	45	50	20	H7	f7	45.105	44.99	0.155	0.015
4530CLI01	45	50	30	H7	f7	45.105	44.99	0.155	0.015
4540CLI01	45	50	40	H7	f7	45.105	44.99	0.155	0.015
4545CLI01	45	50	45	H7	f7	45.105	44.99	0.155	0.015
4550CLI01	45	50	50	H7	f7	45.105	44.99	0.155	0.015
5020CLI01	50	55	20	H7	f7	50.11	49.99	0.16	0.015
5030CLI01	50	55	30	H7	f7	50.11	49.99	0.16	0.015
5040CLI01	50	55	40	H7	f7	50.11	49.99	0.16	0.015
5050CLI01	50	55	50	H7	f7	50.11	49.99	0.16	0.015
5060CLI01	50	55	60	H7	f7	50.11	49.99	0.16	0.015
5520CLI01	55	60	20	H7	f7	55.11	54.99	0.17	0.02
5525CLI01	55	60	25	H7	f7	55.11	54.99	0.17	0.02
5530CLI01	55	60	30	H7	f7	55.11	54.99	0.17	0.02
5540CLI01	55	60	40	H7	f7	55.11	54.99	0.17	0.02
5550CLI01	55	60	50	H7	f7	55.11	54.99	0.17	0.02
5555CLI01	55	60	55	H7	f7	55.11	54.99	0.17	0.02
5560CLI01	55	60	60	H7	f7	55.11	54.99	0.17	0.02
6020CLI01	60	65	20	H7	f7	60.11	59.99	0.17	0.02
6030CLI01	60	65	30	H7	f7	60.11	59.99	0.17	0.02
6040CLI01	60	65	40	H7	f7	60.11	59.99	0.17	0.02
6050CLI01	60	65	50	H7	f7	60.11	59.99	0.17	0.02
6060CLI01	60	65	60	H7	f7	60.11	59.99	0.17	0.02
6070CLI01	60	65	70	H7	f7	60.11	59.99	0.17	0.02
6530CLI01	65	70	30	H7	f7	65.11	64.99	0.17	0.02

Part No.	Di (mm)	Do (mm)	B (mm)	Housing	Shaft	Di,a max in H7 (mm)	Di,a min in H7 (mm)	Clearance max. (mm)	Clearance min. (mm)
6550CLI01	65	70	50	H7	f7	65.11	64.99	0.17	0.02
6570CLI01	65	70	70	H7	f7	65.11	64.99	0.17	0.02
7040CLI01	70	75	40	H7	f7	70.11	69.99	0.17	0.02
7070CLI01	70	75	70	H7	f7	70.11	69.99	0.17	0.02
7560CLI01	75	80	60	H7	f7	75.11	74.99	0.17	0.02
7580CLI01	75	80	80	H7	f7	75.11	74.99	0.17	0.02
8040CLI01	80	85	40	H7	h8	80.155	80.02	0.209	0.02
8060CLI01	80	85	60	H7	h8	80.155	80.02	0.209	0.02
8080CLI01	80	85	80	H7	h8	80.155	80.02	0.209	0.02
80100CLI01	80	85	100	H7	h8	80.155	80.02	0.209	0.02
8530CLI01	85	90	30	H7	h8	85.155	85.02	0.209	0.02
8560CLI01	85	90	60	H7	h8	85.155	85.02	0.209	0.02
85100CLI01	85	90	100	H7	h8	85.155	85.02	0.209	0.02
9060CLI01	90	95	60	H7	h8	90.155	90.02	0.209	0.02
90100CLI01	90	95	100	H7	h8	90.155	90.02	0.209	0.02
9560CLI01	95	100	60	H7	h8	95.155	95.02	0.209	0.02
95100CLI01	95	100	100	H7	h8	95.155	95.02	0.209	0.02
10050CLI01	100	105	50	H7	h8	100.155	100.02	0.209	0.02
10060CLI01	100	105	60	H7	h8	100.155	100.02	0.209	0.02
100115CLI01	100	105	115	H7	h8	100.155	100.02	0.209	0.02



CLI INDUSTRIAL CO., LTD.

ISO 9001:2000 Standardized
Sliding Bearing Factory

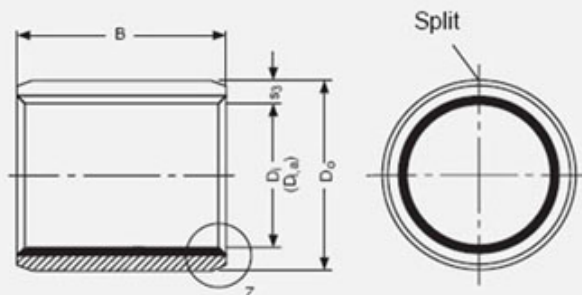
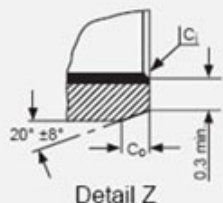
Metal Polymer Dry Bearings

■ DU Bearings ■ DU-B Bearings ■ DP4 Bearings ■ DP31 Bearings ■ DH Bearings ■ SS Bearings
■ DX Bearings ■ HX Bearings ■ Bearings for Shock Absorber ■ Door Hinge Bearings

CLI01 Cylindrical Bush – Inch Size



CLI BEARINGS



Part No.	Di [inch]	Do [inch]	B (inch)	DJ max. (inch)	DJ min. (inch)	DH max. (inch)	DH min. (inch)	Di,a max (inch)	Di,a min (inch)	Clearance max. (inch)	Clearance min. (inch)
02CLI0102	1/8	3/16	0.125	0.1243	0.1236	0.1878	0.1873	0.1268	0.1243	0.0032	0
02CLI0103	1/8	3/16	0.188	0.1243	0.1236	0.1878	0.1873	0.1268	0.1243	0.0032	0
025CLI01025	5/32	7/32	0.154	0.1554	0.1547	0.2191	0.2186	0.1581	0.1556	0.0034	0.0002
025CLI0104	5/32	7/32	0.25	0.1554	0.1547	0.2191	0.2186	0.1581	0.1556	0.0034	0.0002
03CLI0103	3/16	1/4	0.188	0.1865	0.1858	0.2503	0.2497	0.1893	0.1867	0.0035	0.0002
03CLI0104	3/16	1/4	0.25	0.1865	0.1858	0.2503	0.2497	0.1893	0.1867	0.0035	0.0002
03CLI0106	3/16	1/4	0.375	0.1865	0.1858	0.2503	0.2497	0.1893	0.1867	0.0035	0.0002
04CLI0104	1/4	5/16	0.25	0.249	0.2481	0.3128	0.3122	0.2518	0.2492	0.0037	0.0002
04CLI0106	1/4	5/16	0.375	0.249	0.2481	0.3128	0.3122	0.2518	0.2492	0.0037	0.0002
05CLI0106	5/16	3/8	0.375	0.3115	0.3106	0.3753	0.3747	0.3143	0.3117	0.0037	0.0002
05CLI0108	5/16	3/8	0.5	0.3115	0.3106	0.3753	0.3747	0.3143	0.3117	0.0037	0.0002
06CLI0103	3/8	15/32	0.188	0.374	0.3731	0.4691	0.4684	0.3769	0.3742	0.0038	0.0002
06CLI0104	3/8	15/32	0.25	0.374	0.3731	0.4691	0.4684	0.3769	0.3742	0.0038	0.0002
06CLI0106	3/8	15/32	0.375	0.374	0.3731	0.4691	0.4684	0.3769	0.3742	0.0038	0.0002
06CLI0108	3/8	15/32	0.5	0.374	0.3731	0.4691	0.4684	0.3769	0.3742	0.0038	0.0002
06CLI0110	3/8	15/32	0.625	0.374	0.3731	0.4691	0.4684	0.3769	0.3742	0.0038	0.0002
06CLI0112	3/8	15/32	0.75	0.374	0.3731	0.4691	0.4684	0.3769	0.3742	0.0038	0.0002
07CLI0108	7/16	17/32	0.5	0.4365	0.4355	0.5316	0.5309	0.4394	0.4367	0.0039	0.0002
07CLI0112	7/16	17/32	0.75	0.4365	0.4355	0.5316	0.5309	0.4394	0.4367	0.0039	0.0002
08CLI0104	1/2	19/32	0.25	0.499	0.498	0.5941	0.5934	0.5019	0.4992	0.0039	0.0002
08CLI0106	1/2	19/32	0.375	0.499	0.498	0.5941	0.5934	0.5019	0.4992	0.0039	0.0002
08CLI0108	1/2	19/32	0.5	0.499	0.498	0.5941	0.5934	0.5019	0.4992	0.0039	0.0002
08CLI0110	1/2	19/32	0.625	0.499	0.498	0.5941	0.5934	0.5019	0.4992	0.0039	0.0002
08CLI0112	1/2	19/32	0.75	0.499	0.498	0.5941	0.5934	0.5019	0.4992	0.0039	0.0002
08CLI0114	1/2	19/32	0.875	0.499	0.498	0.5941	0.5934	0.5019	0.4992	0.0039	0.0002
09CLI0106	9/16	21/32	0.375	0.5615	0.5605	0.6566	0.6559	0.5644	0.5617	0.0039	0.0002
09CLI0108	9/16	21/32	0.5	0.5615	0.5605	0.6566	0.6559	0.5644	0.5617	0.0039	0.0002
09CLI0110	9/16	21/32	0.625	0.5615	0.5605	0.6566	0.6559	0.5644	0.5617	0.0039	0.0002
09CLI0112	9/16	21/32	0.75	0.5615	0.5605	0.6566	0.6559	0.5644	0.5617	0.0039	0.0002
10CLI0104	5/8	23/32	0.25	0.624	0.623	0.7192	0.7184	0.627	0.6242	0.004	0.0002

Part No.	Di [inch]	Do [inch]	B (inch)	DJ max. (inch)	DJ min. (inch)	DH max. (inch)	DH min. (inch)	Di,a max (inch)	Di,a min (inch)	Clearance max. (inch)	Clearance min. (inch)
10CLI0108	5/8	23/32	0.5	0.624	0.623	0.7192	0.7184	0.627	0.6242	0.004	0.0002
10CLI0112	5/8	23/32	0.75	0.624	0.623	0.7192	0.7184	0.627	0.6242	0.004	0.0002
10CLI0114	5/8	23/32	0.875	0.624	0.623	0.7192	0.7184	0.627	0.6242	0.004	0.0002
10CLI0116	5/8	23/32	1	0.624	0.623	0.7192	0.7184	0.627	0.6242	0.004	0.0002
11CLI0114	11/16	25/32	0.875	0.6865	0.6855	0.7817	0.7809	0.6895	0.6867	0.004	0.0002
12CLI0104	3/4	7/8	0.25	0.7491	0.7479	0.8755	0.8747	0.7525	0.7493	0.0046	0.0002
12CLI0106	3/4	7/8	0.375	0.7491	0.7479	0.8755	0.8747	0.7525	0.7493	0.0046	0.0002
12CLI0108	3/4	7/8	0.5	0.7491	0.7479	0.8755	0.8747	0.7525	0.7493	0.0046	0.0002
12CLI0110	3/4	7/8	0.625	0.7491	0.7479	0.8755	0.8747	0.7525	0.7493	0.0046	0.0002
12CLI0112	3/4	7/8	0.75	0.7491	0.7479	0.8755	0.8747	0.7525	0.7493	0.0046	0.0002
12CLI0116	3/4	7/8	1	0.7491	0.7479	0.8755	0.8747	0.7525	0.7493	0.0046	0.0002
14CLI0104	7/8	1	0.25	0.8741	0.8729	1.0005	0.9997	0.8775	0.8743	0.0046	0.0002
14CLI0106	7/8	1	0.375	0.8741	0.8729	1.0005	0.9997	0.8775	0.8743	0.0046	0.0002
14CLI0112	7/8	1	0.75	0.8741	0.8729	1.0005	0.9997	0.8775	0.8743	0.0046	0.0002
14CLI0114	7/8	1	0.875	0.8741	0.8729	1.0005	0.9997	0.8775	0.8743	0.0046	0.0002
14CLI0116	7/8	1	1	0.8741	0.8729	1.0005	0.9997	0.8775	0.8743	0.0046	0.0002
14CLI0120	7/8	1	1.25	0.8741	0.8729	1.0005	0.9997	0.8775	0.8743	0.0046	0.0002
16CLI0106	1	1 1/8	0.375	0.9991	0.9979	1.1256	1.1246	1.0026	0.9992	0.0047	0.0001
16CLI0108	1	1 1/8	0.5	0.9991	0.9979	1.1256	1.1246	1.0026	0.9992	0.0047	0.0001
16CLI0112	1	1 1/8	0.75	0.9991	0.9979	1.1256	1.1246	1.0026	0.9992	0.0047	0.0001
16CLI0116	1	1 1/8	1	0.9991	0.9979	1.1256	1.1246	1.0026	0.9992	0.0047	0.0001
16CLI0120	1	1 1/8	1.25	0.9991	0.9979	1.1256	1.1246	1.0026	0.9992	0.0047	0.0001
16CLI0124	1	1 1/8	1.5	0.9991	0.9979	1.1256	1.1246	1.0026	0.9992	0.0047	0.0001
18CLI0106	1 1/8	1 9/32	0.375	1.1238	1.1226	1.2818	1.2808	1.1278	1.124	0.0052	0.0002
18CLI0110	1 1/8	1 9/32	0.625	1.1238	1.1226	1.2818	1.2808	1.1278	1.124	0.0052	0.0002
18CLI0112	1 1/8	1 9/32	0.75	1.1238	1.1226	1.2818	1.2808	1.1278	1.124	0.0052	0.0002
18CLI0116	1 1/8	1 9/32	1	1.1238	1.1226	1.2818	1.2808	1.1278	1.124	0.0052	0.0002
20CLI0106	1 1/4	1 13/32	0.375	1.2488	1.2472	1.4068	1.4058	1.2528	1.249	0.0056	0.0002
20CLI0112	1 1/4	1 13/32	0.75	1.2488	1.2472	1.4068	1.4058	1.2528	1.249	0.0056	0.0002
20CLI0114	1 1/4	1 13/32	0.875	1.2488	1.2472	1.4068	1.4058	1.2528	1.249	0.0056	0.0002
20CLI0116	1 1/4	1 13/32	1	1.2488	1.2472	1.4068	1.4058	1.2528	1.249	0.0056	0.0002
20CLI0120	1 1/4	1 13/32	1.25	1.2488	1.2472	1.4068	1.4058	1.2528	1.249	0.0056	0.0002
20CLI0128	1 1/4	1 13/32	1.75	1.2488	1.2472	1.4068	1.4058	1.2528	1.249	0.0056	0.0002
22CLI0112	1 3/8	1 17/32	0.75	1.3738	1.3722	1.5318	1.5308	1.3778	1.374	0.0056	0.0002
22CLI0116	1 3/8	1 17/32	1	1.3738	1.3722	1.5318	1.5308	1.3778	1.374	0.0056	0.0002
22CLI0124	1 3/8	1 17/32	1.5	1.3738	1.3722	1.5318	1.5308	1.3778	1.374	0.0056	0.0002
22CLI0128	1 3/8	1 17/32	1.75	1.3738	1.3722	1.5318	1.5308	1.3778	1.374	0.0056	0.0002
24CLI0108	1 1/2	1 21/32	0.5	1.4988	1.4972	1.6568	1.6558	1.5028	1.499	0.0056	0.0002
24CLI0116	1 1/2	1 21/32	1	1.4988	1.4972	1.6568	1.6558	1.5028	1.499	0.0056	0.0002
24CLI0118	1 1/2	1 21/32	1.125	1.4988	1.4972	1.6568	1.6558	1.5028	1.499	0.0056	0.0002
24CLI0120	1 1/2	1 21/32	1.25	1.4988	1.4972	1.6568	1.6558	1.5028	1.499	0.0056	0.0002
24CLI0124	1 1/2	1 21/32	1.5	1.4988	1.4972	1.6568	1.6558	1.5028	1.499	0.0056	0.0002
24CLI0132	1 1/2	1 21/32	2	1.4988	1.4972	1.6568	1.6558	1.5028	1.499	0.0056	0.0002
26CLI0116	1 5/8	1 25/32	1	1.6238	1.6222	1.7818	1.7808	1.6278	1.624	0.0056	0.0002

Part No.	Di [inch]	Do [inch]	B (inch)	DJ max. (inch)	DJ min. (inch)	DH max. (inch)	DH min. (inch)	Di,a max (inch)	Di,a min (inch)	Clearance max. (inch)	Clearance min. (inch)
26CLI0116	1 5/8	1 25/32	1	1.6238	1.6222	1.7818	1.7808	1.6278	1.624	0.0056	0.0002
26CLI0124	1 5/8	1 25/32	1.5	1.6238	1.6222	1.7818	1.7808	1.6278	1.624	0.0056	0.0002
28CLI0128	1 3/4	1 15/16	1.75	1.7487	1.7471	1.9381	1.9371	1.7535	1.7489	0.0064	0.0002
28CLI0132	1 3/4	1 15/16	2	1.7487	1.7471	1.9381	1.9371	1.7535	1.7489	0.0064	0.0002
30CLI0112	1 7/8	2 1/16	0.75	1.8737	1.8721	2.0633	2.0621	1.8787	1.8739	0.0066	0.0002
30CLI0116	1 7/8	2 1/16	1	1.8737	1.8721	2.0633	2.0621	1.8787	1.8739	0.0066	0.0002
30CLI0130	1 7/8	2 1/16	1.875	1.8737	1.8721	2.0633	2.0621	1.8787	1.8739	0.0066	0.0002
30CLI0136	1 7/8	2 1/16	2.25	1.8737	1.8721	2.0633	2.0621	1.8787	1.8739	0.0066	0.0002
32CLI0108	2	2 3/16	0.5	1.9987	1.9969	2.1883	2.1871	2.0037	1.9989	0.0068	0.0002
32CLI0116	2	2 3/16	1	1.9987	1.9969	2.1883	2.1871	2.0037	1.9989	0.0068	0.0002
32CLI0124	2	2 3/16	1.5	1.9987	1.9969	2.1883	2.1871	2.0037	1.9989	0.0068	0.0002
32CLI0128	2	2 3/16	1.75	1.9987	1.9969	2.1883	2.1871	2.0037	1.9989	0.0068	0.0002
32CLI0132	2	2 3/16	2	1.9987	1.9969	2.1883	2.1871	2.0037	1.9989	0.0068	0.0002
32CLI0140	2	2 3/16	2.5	1.9987	1.9969	2.1883	2.1871	2.0037	1.9989	0.0068	0.0002
34CLI0108	2 1/8	2 5/16	0.5	2.1257	2.1239	2.313	2.3118	2.1326	2.1262	0.0087	0.0002
34CLI0112	2 1/8	2 5/16	0.75	2.1257	2.1239	2.313	2.3118	2.1326	2.1262	0.0087	0.0002
34CLI0116	2 1/8	2 5/16	1	2.1257	2.1239	2.313	2.3118	2.1326	2.1262	0.0087	0.0002
34CLI0124	2 1/8	2 5/16	1.5	2.1257	2.1239	2.313	2.3118	2.1326	2.1262	0.0087	0.0002
34CLI0128	2 1/8	2 5/16	1.75	2.1257	2.1239	2.313	2.3118	2.1326	2.1262	0.0087	0.0002
34CLI0132	2 1/8	2 5/16	2	2.1257	2.1239	2.313	2.3118	2.1326	2.1262	0.0087	0.0002
34CLI0148	2 1/8	2 5/16	3	2.1257	2.1239	2.313	2.3118	2.1326	2.1262	0.0087	0.0002
34CLI0164	2 1/8	2 5/16	4	2.1257	2.1239	2.313	2.3118	2.1326	2.1262	0.0087	0.0002
36CLI0128	2 1/4	2 7/16	1.75	2.2507	2.2489	2.4377	2.4365	2.2573	2.2509	0.0084	0.0002
36CLI0132	2 1/4	2 7/16	1.75	2.2507	2.2489	2.4377	2.4365	2.2573	2.2509	0.0084	0.0002
36CLI0136	2 1/4	2 7/16	2.25	2.2507	2.2489	2.4377	2.4365	2.2573	2.2509	0.0084	0.0002
36CLI0140	2 1/4	2 7/16	2.5	2.2507	2.2489	2.4377	2.4365	2.2573	2.2509	0.0084	0.0002
36CLI0148	2 1/4	2 7/16	3	2.2507	2.2489	2.4377	2.4365	2.2573	2.2509	0.0084	0.0002
36CLI0156	2 1/4	2 7/16	3.5	2.2507	2.2489	2.4377	2.4365	2.2573	2.2509	0.0084	0.0002
36CLI0160	2 1/4	2 7/16	3.75	2.2507	2.2489	2.4377	2.4365	2.2573	2.2509	0.0084	0.0002
36CLI0164	2 1/4	2 7/16	4	2.2507	2.2489	2.4377	2.4365	2.2573	2.2509	0.0084	0.0002
36CLI0172	2 1/4	2 7/16	4.5	2.2507	2.2489	2.4377	2.4365	2.2573	2.2509	0.0084	0.0002
40CLI0116	2 1/2	2 11/16	1	2.5011	2.4993	2.6881	2.6869	2.5077	2.5013	0.0084	0.0002
40CLI0126	2 1/2	2 11/16	1.625	2.5011	2.4993	2.6881	2.6869	2.5077	2.5013	0.0084	0.0002
40CLI0132	2 1/2	2 11/16	2	2.5011	2.4993	2.6881	2.6869	2.5077	2.5013	0.0084	0.0002
40CLI0140	2 1/2	2 11/16	2.5	2.5011	2.4993	2.6881	2.6869	2.5077	2.5013	0.0084	0.0002
40CLI0148	2 1/2	2 11/16	3	2.5011	2.4993	2.6881	2.6869	2.5077	2.5013	0.0084	0.0002
40CLI0156	2 1/2	2 11/16	3.5	2.5011	2.4993	2.6881	2.6869	2.5077	2.5013	0.0084	0.0002
40CLI0160	2 1/2	2 11/16	3.75	2.5011	2.4993	2.6881	2.6869	2.5077	2.5013	0.0084	0.0002
40CLI0164	2 1/2	2 11/16	4	2.5011	2.4993	2.6881	2.6869	2.5077	2.5013	0.0084	0.0002
40CLI0172	2 1/2	2 11/16	4.5	2.5011	2.4993	2.6881	2.6869	2.5077	2.5013	0.0084	0.0002
40CLI0176	2 1/2	2 11/16	4.75	2.5011	2.4993	2.6881	2.6869	2.5077	2.5013	0.0084	0.0002
44CLI0132	2 3/4	2 15/16	2	2.75	2.7482	2.937	2.9358	2.7566	2.7502	0.0084	0.0002
44CLI0136	2 3/4	2 15/16	2.25	2.75	2.7482	2.937	2.9358	2.7566	2.7502	0.0084	0.0002
44CLI0140	2 3/4	2 15/16	2.5	2.75	2.7482	2.937	2.9358	2.7566	2.7502	0.0084	0.0002

Part No.	Di [inch]	Do [inch]	B (inch)	DJ max. (inch)	DJ min. (inch)	DH max. (inch)	DH min. (inch)	Di,a max (inch)	Di,a min (inch)	Clearance max. (inch)	Clearance min. (inch)
44CLI0148	2 3/4	2 15/16	3	2.75	2.7482	2.937	2.9358	2.7566	2.7502	0.0084	0.0002
44CLI0156	2 3/4	2 15/16	3.5	2.75	2.7482	2.937	2.9358	2.7566	2.7502	0.0084	0.0002
44CLI0160	2 3/4	2 15/16	3.75	2.75	2.7482	2.937	2.9358	2.7566	2.7502	0.0084	0.0002
44CLI0172	2 3/4	2 15/16	4.5	2.75	2.7482	2.937	2.9358	2.7566	2.7502	0.0084	0.0002
44CLI0176	2 3/4	2 15/16	4.75	2.75	2.7482	2.937	2.9358	2.7566	2.7502	0.0084	0.0002
44CLI0180	2 3/4	2 15/16	5	2.75	2.7482	2.937	2.9358	2.7566	2.7502	0.0084	0.0002
48CLI0132	3	3 3/16	2	3	2.9982	3.1872	3.1858	3.0068	3.0002	0.0086	0.0002
48CLI0136	3	3 3/16	2.25	3	2.9982	3.1872	3.1858	3.0068	3.0002	0.0086	0.0002
48CLI0140	3	3 3/16	2.5	3	2.9982	3.1872	3.1858	3.0068	3.0002	0.0086	0.0002
48CLI0148	3	3 3/16	3	3	2.9982	3.1872	3.1858	3.0068	3.0002	0.0086	0.0002
48CLI0156	3	3 3/16	3.5	3	2.9982	3.1872	3.1858	3.0068	3.0002	0.0086	0.0002
48CLI0160	3	3 3/16	3.75	3	2.9982	3.1872	3.1858	3.0068	3.0002	0.0086	0.0002
48CLI0164	3	3 3/16	4	3	2.9982	3.1872	3.1858	3.0068	3.0002	0.0086	0.0002
48CLI0172	3	3 3/16	4.5	3	2.9982	3.1872	3.1858	3.0068	3.0002	0.0086	0.0002
48CLI0176	3	3 3/16	4.75	3	2.9982	3.1872	3.1858	3.0068	3.0002	0.0086	0.0002
48CLI0180	3	3 3/16	5	3	2.9982	3.1872	3.1858	3.0068	3.0002	0.0086	0.0002
52CLI0132	3 1/4	3 7/16	2	3.25	3.248	3.4372	3.4358	3.2568	3.2502	0.0088	0.0002
52CLI0138	3 1/4	3 7/16	2.375	3.25	3.248	3.4372	3.4358	3.2568	3.2502	0.0088	0.0002
52CLI0140	3 1/4	3 7/16	2.5	3.25	3.248	3.4372	3.4358	3.2568	3.2502	0.0088	0.0002
52CLI0148	3 1/4	3 7/16	3	3.25	3.248	3.4372	3.4358	3.2568	3.2502	0.0088	0.0002
52CLI0156	3 1/4	3 7/16	3.5	3.25	3.248	3.4372	3.4358	3.2568	3.2502	0.0088	0.0002
52CLI0160	3 1/4	3 7/16	3.75	3.25	3.248	3.4372	3.4358	3.2568	3.2502	0.0088	0.0002
52CLI0164	3 1/4	3 7/16	4	3.25	3.248	3.4372	3.4358	3.2568	3.2502	0.0088	0.0002
52CLI0172	3 1/4	3 7/16	4.5	3.25	3.248	3.4372	3.4358	3.2568	3.2502	0.0088	0.0002
52CLI0176	3 1/4	3 7/16	4.75	3.25	3.248	3.4372	3.4358	3.2568	3.2502	0.0088	0.0002
52CLI0180	3 1/4	3 7/16	5	3.25	3.248	3.4372	3.4358	3.2568	3.2502	0.0088	0.0002
56CLI0132	3 1/2	3 11/16	2	3.5	3.4978	3.6872	3.6858	3.5068	3.5002	0.009	0.0002
56CLI0138	3 1/2	3 11/16	2.375	3.5	3.4978	3.6872	3.6858	3.5068	3.5002	0.009	0.0002
56CLI0140	3 1/2	3 11/16	2.5	3.5	3.4978	3.6872	3.6858	3.5068	3.5002	0.009	0.0002
56CLI0148	3 1/2	3 11/16	3	3.5	3.4978	3.6872	3.6858	3.5068	3.5002	0.009	0.0002
56CLI0156	3 1/2	3 11/16	3.5	3.5	3.4978	3.6872	3.6858	3.5068	3.5002	0.009	0.0002
56CLI0160	3 1/2	3 11/16	3.75	3.5	3.4978	3.6872	3.6858	3.5068	3.5002	0.009	0.0002
56CLI0164	3 1/2	3 11/16	4	3.5	3.4978	3.6872	3.6858	3.5068	3.5002	0.009	0.0002
56CLI0172	3 1/2	3 11/16	4.5	3.5	3.4978	3.6872	3.6858	3.5068	3.5002	0.009	0.0002
56CLI0176	3 1/2	3 11/16	4.75	3.5	3.4978	3.6872	3.6858	3.5068	3.5002	0.009	0.0002
56CLI0180	3 1/2	3 11/16	5	3.5	3.4978	3.6872	3.6858	3.5068	3.5002	0.009	0.0002
58CLI0132	3 5/8	3 13/16	2	3.625	3.6228	3.8122	3.8108	3.6318	3.6252	0.009	0.0002
58CLI0136	3 5/8	3 13/16	2.25	3.625	3.6228	3.8122	3.8108	3.6318	3.6252	0.009	0.0002
58CLI0140	3 5/8	3 13/16	2.5	3.625	3.6228	3.8122	3.8108	3.6318	3.6252	0.009	0.0002
58CLI0148	3 5/8	3 13/16	3	3.625	3.6228	3.8122	3.8108	3.6318	3.6252	0.009	0.0002
58CLI0156	3 5/8	3 13/16	3.5	3.625	3.6228	3.8122	3.8108	3.6318	3.6252	0.009	0.0002
58CLI0160	3 5/8	3 13/16	3.75	3.625	3.6228	3.8122	3.8108	3.6318	3.6252	0.009	0.0002
58CLI0164	3 5/8	3 13/16	4	3.625	3.6228	3.8122	3.8108	3.6318	3.6252	0.009	0.0002
58CLI0172	3 5/8	3 13/16	4.5	3.625	3.6228	3.8122	3.8108	3.6318	3.6252	0.009	0.0002



CLI INDUSTRIAL CO., LTD.

ISO 9001:2000 Standardized
Sliding Bearing Factory

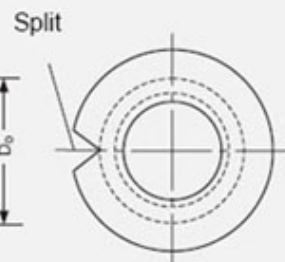
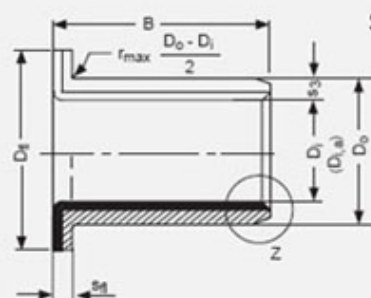
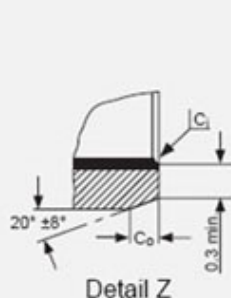
Metal Polymer Dry Bearings

■ DU Bearings ■ DU-B Bearings ■ DP4 Bearings ■ DP31 Bearings ■ DH Bearings ■ SS Bearings
■ DX Bearings ■ HX Bearings ■ Bearings for Shock Absorber ■ Door Hinge Bearings

CLI01 Flanged Bush – Metric Size



CLI BEARINGS



Part No.	Di (mm)	Do (mm)	Sfl (mm)	Dfl (mm)	B (mm)	Housing	Shaft	Di,a max in H7 (mm)	Di,a min in H7 (mm)	Clearance max. (mm)	Clearance min. (mm)
BB0304CLI01	3	4.5	0.75	7	4	H6	h6	3.048	3	0.054	0
BB0404CLI01	4	5.5	0.75	9	4	H6	h6	4.048	4	0.056	0
BB0505CLI01	5	7	0.925	10	5	H7	f7	5.055	4.99	0.077	0
BB0604CLI01	6	8	0.925	12	4	H7	f7	6.055	5.99	0.077	0
BB0608CLI01	6	8	0.925	12	8	H7	f7	6.055	5.99	0.077	0
BB0806CLI01	8	10	0.925	15	5.5	H7	f7	8.055	7.99	0.083	0.003
BB0808CLI01	8	10	0.925	15	7.5	H7	f7	8.055	7.99	0.083	0.003
BB0810CLI01	8	10	0.925	15	9.5	H7	f7	8.055	7.99	0.083	0.003
BB1007CLI01	10	12	0.925	18	7	H7	f7	10.058	9.99	0.086	0.003
BB1009CLI01	10	12	0.925	18	9	H7	f7	10.058	9.99	0.086	0.003
BB1012CLI01	10	12	0.925	18	12	H7	f7	10.058	9.99	0.086	0.003
BB1017CLI01	10	12	0.925	18	17	H7	f7	10.058	9.99	0.086	0.003
BB1207CLI01	12	14	0.925	20	7	H7	f7	12.058	11.99	0.092	0.006
BB1209CLI01	12	14	0.925	20	9	H7	f7	12.058	11.99	0.092	0.006
BB1212CLI01	12	14	0.925	20	12	H7	f7	12.058	11.99	0.092	0.006
BB1217CLI01	12	14	0.925	20	17	H7	f7	12.058	11.99	0.092	0.006
BB1412CLI01	14	16	0.925	22	12	H7	f7	14.058	13.99	0.092	0.006
BB1417CLI01	14	16	0.925	22	17	H7	f7	14.058	13.99	0.092	0.006
BB1509CLI01	15	17	0.925	23	9	H7	f7	15.058	14.99	0.092	0.006
BB1512CLI01	15	17	0.925	23	12	H7	f7	15.058	14.99	0.092	0.006
BB1517CLI01	15	17	0.925	23	17	H7	f7	15.058	14.99	0.092	0.006
BB1612CLI01	16	18	0.925	24	12	H7	f7	16.058	15.99	0.092	0.006
BB1617CLI01	16	18	0.925	24	17	H7	f7	16.058	15.99	0.092	0.006
BB1812CLI01	18	20	0.925	26	12	H7	f7	18.061	17.99	0.095	0.006
BB1817CLI01	18	20	0.925	26	17	H7	f7	18.061	17.99	0.095	0.006
BB1822CLI01	18	20	0.925	26	22	H7	f7	18.061	17.99	0.095	0.006
BB2012CLI01	20	23	1.45	30	11.5	H7	f7	20.071	19.99	0.112	0.01
BB2017CLI01	20	23	1.45	30	16.5	H7	f7	20.071	19.99	0.112	0.01
BB2022CLI01	20	23	1.45	30	21.5	H7	f7	20.071	19.99	0.112	0.01

Part No.	Di (mm)	Do (mm)	Sfl (mm)	Dfl (mm)	B (mm)	Housing	Shaft	Di,a max in H7 (mm)	Di,a min in H7 (mm)	Clearance max. (mm)	Clearance min. (mm)
BB2512CLI01	25	28	1.45	35	11.5	H7	f7	25.071	24.99	0.112	0.01
BB2522CLI01	25	28	1.45	35	21.5	H7	f7	25.071	24.99	0.112	0.01
BB3016CLI01	30	34	1.95	42	16	H7	f7	30.085	29.99	0.126	0.01
BB3026CLI01	30	34	1.95	42	26	H7	f7	30.085	29.99	0.126	0.01
BB3516CLI01	35	39	1.95	47	16	H7	f7	35.085	34.99	0.135	0.015
BB3526CLI01	35	39	1.95	47	26	H7	f7	35.085	34.99	0.135	0.015
BB4016CLI01	40	44	1.95	53	16	H7	f7	40.085	39.99	0.135	0.015
BB4026CLI01	40	44	1.95	53	26	H7	f7	40.085	39.99	0.135	0.015
BB4516CLI01	45	50	2.45	58	16	H7	f7	45.105	44.99	0.155	0.015
BB4526CLI01	45	50	2.45	58	26	H7	f7	45.105	44.99	0.155	0.015



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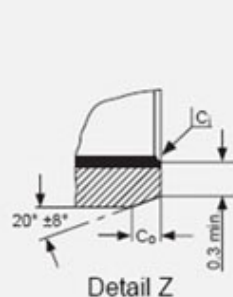
Metal Polymer Dry Bearings

■ DU Bearings ■ DU-B Bearings ■ DP4 Bearings ■ DP31 Bearings ■ DH Bearings ■ SS Bearings
■ DX Bearings ■ HX Bearings ■ Bearings for Shock Absorber ■ Door Hinge Bearings

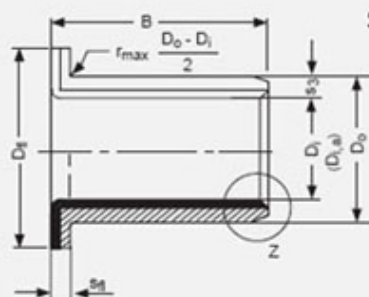
CLI01 Flanged Bush – Inch Size



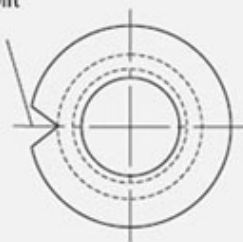
CLI BEARINGS



Detail Z



Split



Part No.	Di [inch]	Do [inch]	Sfl (inch)	Sfl max. (inch)	Sfl min. (inch)	Dfl (inch)	Dfl max. (inch)	Dfl min. (inch)	B (inch)	DJ max. (inch)	DJ min. (inch)	DH max. (inch)	DH min. (inch)	Di,a max (inch)	Di,a min (inch)
06FCLI0104	3/8	15/32	0.043	0.047	0.039	0.6875	0.7075	0.6675	0.245	0.375	0.374	0.4691	0.4684	0.3779	0.3752
06FCLI0106	3/8	15/32	0.043	0.047	0.039	0.6875	0.7075	0.6675	0.37	0.375	0.374	0.4691	0.4684	0.3779	0.3752
06FCLI0108	3/8	15/32	0.043	0.047	0.039	0.6875	0.7075	0.6675	0.495	0.375	0.374	0.4691	0.4684	0.3779	0.3752
06FCLI0112	3/8	15/32	0.043	0.047	0.039	0.6875	0.7075	0.6675	0.745	0.375	0.374	0.4691	0.4684	0.3779	0.3752
08FCLI0104	1/2	19/32	0.043	0.047	0.039	0.8125	0.8325	0.7925	0.245	0.5	0.499	0.4691	0.5934	0.5029	0.5002
08FCLI0106	1/2	19/32	0.043	0.047	0.039	0.8125	0.8325	0.7925	0.37	0.5	0.499	0.4691	0.5934	0.5029	0.5002
08FCLI0108	1/2	19/32	0.043	0.047	0.039	0.8125	0.8325	0.7925	0.495	0.5	0.499	0.4691	0.5934	0.5029	0.5002
08FCLI0112	1/2	19/32	0.043	0.047	0.039	0.8125	0.8325	0.7925	0.745	0.5	0.499	0.4691	0.5934	0.5029	0.5002
10FCLI0106	5/8	23/32	0.043	0.047	0.039	0.93725	0.9575	0.917	0.37	0.625	0.624	0.7192	0.7184	0.628	0.6252
10FCLI0108	5/8	23/32	0.043	0.047	0.039	0.93725	0.9575	0.917	0.495	0.625	0.624	0.7192	0.7184	0.628	0.6252
10FCLI0110	5/8	23/32	0.043	0.047	0.039	0.93725	0.9575	0.917	0.62	0.625	0.624	0.7192	0.7184	0.628	0.6252
10FCLI0112	5/8	23/32	0.043	0.047	0.039	0.93725	0.9575	0.917	0.745	0.625	0.624	0.7192	0.7184	0.628	0.6252
12FCLI0106	3/4	7/8	0.059	0.063	0.055	1.25	1.27	1.23	0.37	0.75	0.7488	0.8755	0.8747	0.7534	0.7502
12FCLI0108	3/4	7/8	0.059	0.063	0.055	1.25	1.27	1.23	0.495	0.75	0.7488	0.8755	0.8747	0.7534	0.7502
12FCLI0112	3/4	7/8	0.059	0.063	0.055	1.25	1.27	1.23	0.745	0.75	0.7488	0.8755	0.8747	0.7534	0.7502
12FCLI0116	3/4	7/8	0.059	0.063	0.055	1.25	1.27	1.23	0.995	0.75	0.7488	0.8755	0.8747	0.7534	0.7502
14FCLI0108	7/8	1	0.059	0.063	0.055	1.25	1.27	1.23	0.495	0.875	0.8738	1.0005	0.9997	0.8784	0.8752
14FCLI0112	7/8	1	0.059	0.063	0.055	1.25	1.27	1.23	0.745	0.875	0.8738	1.0005	0.9997	0.8784	0.8752
14FCLI0116	7/8	1	0.059	0.063	0.055	1.25	1.27	1.23	0.995	0.875	0.8738	1.0005	0.9997	0.8784	0.8752
14FCLI0120	7/8	1	0.059	0.063	0.055	1.25	1.27	1.23	1.245	0.875	0.8738	1.0005	0.9997	0.8784	0.8752
16FCLI0108	1	1 1/8	0.059	0.063	0.055	1.375	1.395	1.355	0.495	1.0005	0.9988	1.1255	1.1247	1.0034	1.0002
16FCLI0112	1	1 1/8	0.059	0.063	0.055	1.375	1.395	1.355	0.745	1.0005	0.9988	1.1255	1.1247	1.0034	1.0002
16FCLI0116	1	1 1/8	0.059	0.063	0.055	1.375	1.395	1.355	0.995	1.0005	0.9988	1.1255	1.1247	1.0034	1.0002
16FCLI0120	1	1 1/8	0.059	0.063	0.055	1.375	1.395	1.355	1.245	1.0005	0.9988	1.1255	1.1247	1.0034	1.0002
20FCLI0116	1 1/4	1 13/32	0.074	0.078	0.07	1.75	1.78	1.72	0.995	1.25	1.2484	1.4068	1.4058	1.254	1.2502
20FCLI0120	1 1/4	1 13/32	0.074	0.078	0.07	1.75	1.78	1.72	1.245	1.25	1.2484	1.4068	1.4058	1.254	1.2502
20FCLI0124	1 1/4	1 13/32	0.074	0.078	0.07	1.75	1.78	1.72	1.495	1.25	1.2484	1.4068	1.4058	1.254	1.2502
24FCLI0116	1 1/2	1 21/32	0.074	0.078	0.07	2	2.03	1.97	0.995	1.5	1.4984	1.6568	1.6558	1.504	1.5002
24FCLI0124	1 1/2	1 21/32	0.074	0.078	0.07	2	2.03	1.97	1.495	1.5	1.4984	1.6568	1.6558	1.504	1.5002
24FCLI0132	1 1/2	1 21/32	0.074	0.078	0.07	2	2.03	1.97	1.995	1.5	1.4984	1.6568	1.6558	1.504	1.5002



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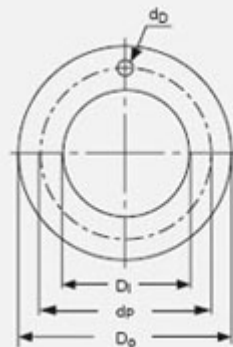
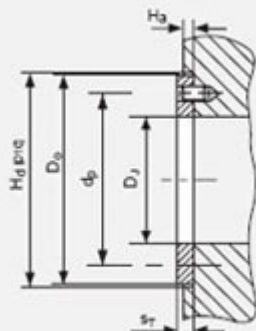
Metal Polymer Dry Bearings

■ DU Bearings ■ DU-B Bearings ■ DP4 Bearings ■ DP31 Bearings ■ DH Bearings ■ SS Bearings
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CLI01 Thrust Washer - Metric Size



CLI BEARINGS



Part No.	Di (mm)	Do (mm)	ST (mm)	dD (mm)	dP (mm)	Ha max. (mm)
WC08CLI01	10	20	1.5			1.2
WC10CLI01	12	24	1.5	1.75	18	1.2
WC12CLI01	14	26	1.5	2.25	20	1.2
WC14CLI01	16	30	1.5	2.25	22	1.2
WC16CLI01	18	32	1.5	2.25	25	1.2
WC18CLI01	20	36	1.5	3.25	28	1.2
WC20CLI01	22	38	1.5	3.25	30	1.2
WC22CLI01	24	42	1.5	3.25	33	1.2
WC24CLI01	26	44	1.5	3.25	35	1.2
WC25CLI01	28	48	1.5	4.25	38	1.2
WC30CLI01	32	54	1.5	4.25	43	1.2
WC35CLI01	38	62	1.5	4.25	50	1.2
WC40CLI01	42	66	1.5	4.25	54	1.2
WC45CLI01	48	74	2	4.25	61	1.7
WC50CLI01	52	78	2	4.25	65	1.7
WC60CLI01	62	90	2	4.25	76	1.7



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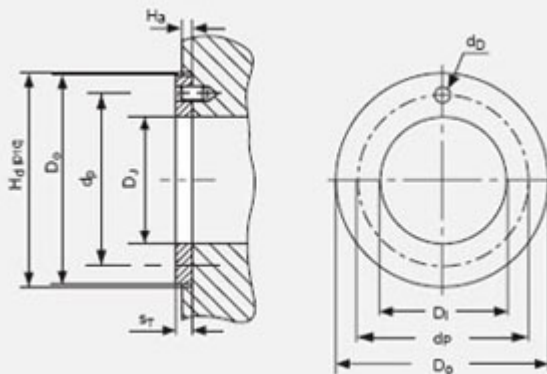
Metal Polymer Dry Bearings

■ DU Bearings ■ DU-B Bearings ■ DP4 Bearings ■ DP31 Bearings ■ DH Bearings ■ SS Bearings
■ DX Bearings ■ HX Bearings ■ Bearings for Shock Absorber ■ Door Hinge Bearings

CLI01 Thrust Washer - Inch Size



CLI BEARINGS



Part No.	Di (inch)	Do (inch)	ST (inch)	dD (inch)	dP (inch)	Ha max. (inch)
CLI0106	0.5	0.875	0.0605	0.072	0.687	0.05
CLI0107	0.562	1	0.0605	0.072	0.781	0.05
CLI0108	0.625	1.125	0.0605	0.104	0.875	0.05
CLI0109	0.687	1.187	0.0605	0.104	0.937	0.05
CLI0110	0.75	1.25	0.0605	0.104	1	0.05
CLI0111	0.812	1.375	0.0605	0.104	1.094	0.05
CLI0112	0.875	1.5	0.0605	0.135	1.187	0.05
CLI0114	1	1.75	0.0605	0.135	1.375	0.05
CLI0116	1.125	2	0.0605	0.166	1.562	0.05
CLI0118	1.25	2.125	0.0605	0.166	1.687	0.05
CLI0120	1.375	2.25	0.0605	0.166	1.812	0.05
CLI0122	1.5	2.5	0.0605	0.197	2	0.05
CLI0124	1.625	2.625	0.0605	0.197	2.125	0.05
CLI0126	1.75	2.75	0.0605	0.197	2.25	0.05
CLI0128	2	3	0.0915	0.197	2.5	0.08
CLI0130	2.125	3.125	0.0915	0.197	2.625	0.08
CLI0132	2.25	3.25	0.0915	0.197	2.75	0.08



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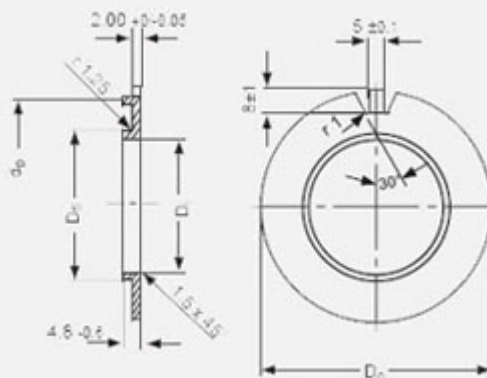
Metal Polymer Dry Bearings

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■ DX Bearings ■ HX Bearings ■ Bearings for Shock Absorber ■ Door Hinge Bearings

CLI01 Flanged Washer – Metric Size



CLI BEARINGS

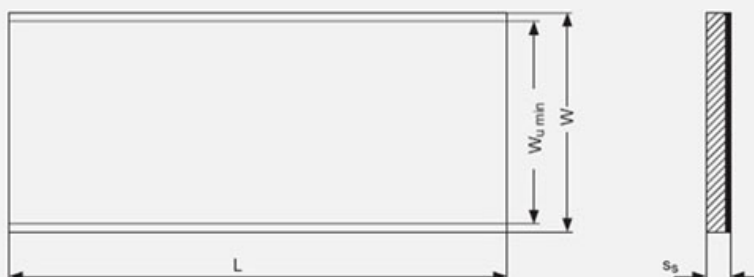


Part No.	Di (mm)	Do (mm)	Dfl (mm)	dP (mm)
BS40CLI01	40.45	75	44	64.75
BS50CLI01	51.25	85	55	74.75
BS60CLI01	61.25	95	65	84.75
BS70CLI01	71.25	110	75	99.75
BS80CLI01	81.25	120	85	109.75
BS90CLI01	91.25	130	95	119.75
BS100CLI01	101.25	140	105	129.75

CLI01 Plate – Metric Size



CLI BEARINGS



Part No.	L (mm)	W (mm)	Wu (mm)	Ss (mm)
S07190CLI01	500	200	190	0.72
S10190CLI01	500	200	190	0.99
S15240CLI01	500	254	190	1.5
S20240CLI01	500	254	240	1.98
S25240CLI01	500	254	240	2.48
S30240CLI01	500	254	240	3.04



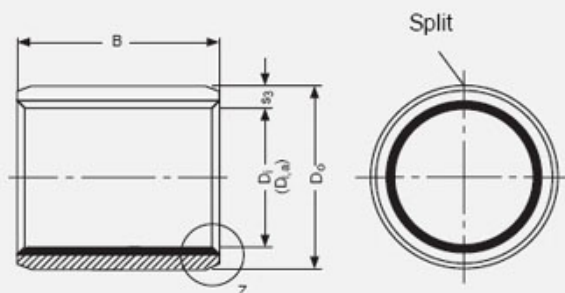
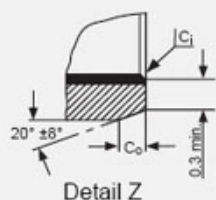
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Metal Polymer Dry Bearings

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■ DX Bearings ■ HX Bearings ■ Bearings for Shock Absorber ■ Door Hinge Bearings

CLI01-B Cylindrical Bush – Metric Size



CLI BEARINGS

Part No.	Di (mm)	Do (mm)	B (mm)	Housing	Shaft	Di,a max in H7 (mm)	Di,a min in H7 (mm)	Clearance max. (mm)	Clearance min. (mm)
0203CLI01B	2	3.5	3	H6	h6	2.048	2	0.054	0
0205CLI01B	2	3.5	5	H6	h6	2.048	2	0.054	0
0306CLI01B	3	4.5	6	H6	h6	3.048	3	0.054	0
0404CLI01B	4	5.5	4	H6	h6	4.048	4	0.056	0
0406CLI01B	4	5.5	6	H6	h6	4.048	4	0.056	0
0505CLI01B	5	7	5	H7	f7	5.055	4.99	0.077	0
0510CLI01B	5	7	10	H7	f7	5.055	4.99	0.077	0
0606CLI01B	6	8	6	H7	f7	6.055	5.99	0.077	0
0608CLI01B	6	8	8	H7	f7	6.055	5.99	0.077	0
0610CLI01B	6	8	10	H7	f7	6.055	5.99	0.077	0
0808CLI01B	8	10	8	H7	f7	8.055	7.99	0.083	0.003
0810CLI01B	8	10	10	H7	f7	8.055	7.99	0.083	0.003
0812CLI01B	8	10	12	H7	f7	8.055	7.99	0.083	0.003
1010CLI01B	10	12	10	H7	f7	10.058	9.99	0.086	0.003
1015CLI01B	10	12	15	H7	f7	10.058	9.99	0.086	0.003
1208CLI01B	12	14	8	H7	f7	12.058	11.99	0.092	0.006
1210CLI01B	12	14	10	H7	f7	12.058	11.99	0.092	0.006
1212CLI01B	12	14	12	H7	f7	12.058	11.99	0.092	0.006
1215CLI01B	12	14	15	H7	f7	12.058	11.99	0.092	0.006
1410CLI01B	14	16	10	H7	f7	14.058	13.99	0.092	0.006
1415CLI01B	14	16	15	H7	f7	14.058	13.99	0.092	0.006
1420CLI01B	14	16	20	H7	f7	14.058	13.99	0.092	0.006
1515CLI01B	15	17	15	H7	f7	15.058	14.99	0.092	0.006
1525CLI01B	15	17	25	H7	f7	15.058	14.99	0.092	0.006
1615CLI01B	16	18	15	H7	f7	16.058	15.99	0.092	0.006
1625CLI01B	16	18	25	H7	f7	16.058	15.99	0.092	0.006
1820CLI01B	18	20	20	H7	f7	18.061	17.99	0.095	0.006
1825CLI01B	18	20	25	H7	f7	18.061	17.99	0.095	0.006
2015CLI01B	20	23	15	H7	f7	20.071	19.99	0.112	0.01
2020CLI01B	20	23	20	H7	f7	20.071	19.99	0.112	0.01
2030CLI01B	20	23	30	H7	f7	20.071	19.99	0.112	0.01

Part No.	Di (mm)	Do (mm)	B (mm)	Housing	Shaft	Di,a max in H7 (mm)	Di,a min in H7 (mm)	Clearance max. (mm)	Clearance min. (mm)
2215CLI01B	22	25	15	H7	f7	22.071	21.99	0.112	0.01
2220CLI01B	22	25	20	H7	f7	22.071	21.99	0.112	0.01
2525CLI01B	25	28	25	H7	f7	25.071	24.99	0.112	0.01
2830CLI01B	28	32	30	H7	f7	28.085	27.99	0.126	0.01
3020CLI01B	30	34	20	H7	f7	30.085	29.99	0.126	0.01
3030CLI01B	30	34	30	H7	f7	30.085	29.99	0.126	0.01
3040CLI01B	30	34	40	H7	f7	30.085	29.99	0.126	0.01
3520CLI01B	35	39	20	H7	f7	35.085	34.99	0.135	0.015
3530CLI01B	35	39	30	H7	f7	35.085	34.99	0.135	0.015
4030CLI01B	40	44	30	H7	f7	40.085	39.99	0.135	0.015
4050CLI01B	40	44	50	H7	f7	40.085	39.99	0.135	0.015
4530CLI01B	45	50	30	H7	f7	45.105	44.99	0.155	0.015
4550CLI01B	45	50	50	H7	f7	45.105	44.99	0.155	0.015
5040CLI01B	50	55	40	H7	f7	50.11	49.99	0.16	0.015
5060CLI01B	50	55	60	H7	f7	50.11	49.99	0.16	0.015
5540CLI01B	55	60	40	H7	f7	55.11	54.99	0.17	0.02
6040CLI01B	60	65	40	H7	f7	60.11	59.99	0.17	0.02
6050CLI01B	60	65	50	H7	f7	60.11	59.99	0.17	0.02
6060CLI01B	60	65	60	H7	f7	60.11	59.99	0.17	0.02
6070CLI01B	60	65	70	H7	f7	60.11	59.99	0.17	0.02
6570CLI01B	65	70	70	H7	f7	65.11	64.99	0.17	0.02
7050CLI01B	70	75	50	H7	f7	70.11	69.99	0.17	0.02
7070CLI01B	70	75	70	H7	f7	70.11	69.99	0.17	0.02
7580CLI01B	75	80	80	H7	f7	75.11	74.99	0.17	0.02
8060CLI01B	80	85	60	H7	h8	80.155	80.02	0.201	0.02
80100CLI01B	80	85	100	H7	h8	80.155	80.02	0.201	0.02
85100CLI01B	85	90	100	H7	h8	85.155	85.02	0.209	0.02
9060CLI01B	90	95	60	H7	h8	90.155	90.02	0.209	0.02
90100CLI01B	90	95	100	H7	h8	90.155	90.02	0.209	0.02
95100CLI01B	95	100	100	H7	h8	95.155	95.02	0.209	0.02
10060CLI01B	100	105	60	H7	h8	100.155	100.02	0.209	0.02
100115CLI01B	100	105	115	H7	h8	100.155	100.02	0.209	0.02
105115CLI01B	105	110	115	H7	h8	105.155	105.02	0.209	0.02
110115CLI01B	110	115	115	H7	h8	115.155	115.02	0.209	0.02



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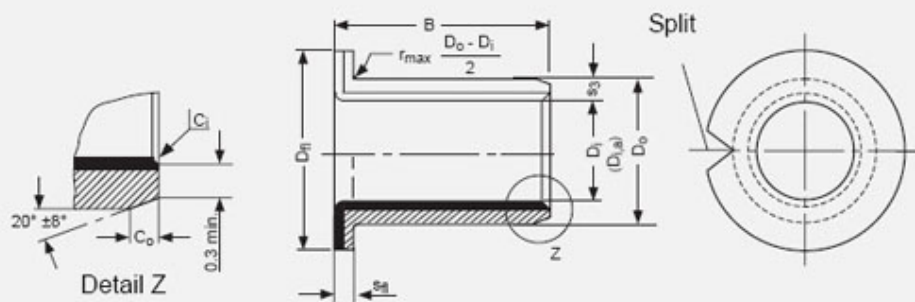
Metal Polymer Dry Bearings

■ DU Bearings ■ DU-B Bearings ■ DP4 Bearings ■ DP31 Bearings ■ DH Bearings ■ SS Bearings
■ DX Bearings ■ HX Bearings ■ Bearings for Shock Absorber ■ Door Hinge Bearings

CLI01-B Flanged Bush – Metric Size



CLI BEARINGS



Part No.	Di (mm)	Do (mm)	Sfl (mm)	Dfl (mm)	B (mm)	Housing	Shaft	Di,a max in H7 (mm)	Di,a min in H7 (mm)	Clearance max. (mm)	Clearance min. (mm)
BB0304CLI01B	3	4.5	0.75	7	4	H6	h6	3.048	3	0.054	0
BB0404CLI01B	4	5.5	0.75	9	4	H6	h6	4.048	4	0.056	0
BB0505CLI01B	5	7	0.925	10	5	H7	f7	5.055	4.99	0.077	0
BB0604CLI01B	6	8	0.925	12	4	H7	f7	6.055	5.99	0.077	0
BB0608CLI01B	6	8	0.925	12	8	H7	f7	6.055	5.99	0.077	0
BB0806CLI01B	8	10	0.925	15	5.5	H7	f7	8.055	7.99	0.083	0
BB0810CLI01B	8	10	0.925	15	9.5	H7	f7	8.055	7.99	0.083	0
BB1007CLI01B	10	12	0.925	18	7	H7	f7	10.058	9.99	0.086	0.003
BB1012CLI01B	10	12	0.925	18	12	H7	f7	10.058	9.99	0.086	0.003
BB1207CLI01B	12	14	0.925	20	7	H7	f7	12.058	11.99	0.092	0.006
BB1209CLI01B	12	14	0.925	20	9	H7	f7	12.058	11.99	0.092	0.006
BB1212CLI01B	12	14	0.925	20	12	H7	f7	12.058	11.99	0.092	0.006
BB1417CLI01B	14	16	0.925	22	17	H7	f7	14.05	13.99	0.092	0.006
BB1512CLI01B	15	17	0.925	23	12	H7	f7	15.058	14.99	0.092	0.006
BB1517CLI01B	15	17	0.925	23	17	H7	f7	15.058	14.99	0.092	0.006
BB1612CLI01B	16	18	0.925	24	12	H7	f7	16.058	15.99	0.092	0.006
BB1617CLI01B	16	18	0.925	24	17	H7	f7	16.058	15.99	0.092	0.006
BB1812CLI01B	18	20	0.925	26	12	H7	f7	18.061	17.99	0.095	0.006
BB1822CLI01B	18	20	0.925	26	22	H7	f7	18.061	17.99	0.095	0.006
BB2012CLI01B	20	23	1.45	30	11.5	H7	f7	20.071	19.99	0.112	0.01
BB2017CLI01B	20	23	1.45	30	16.5	H7	f7	20.071	19.99	0.112	0.01
BB2512CLI01B	25	28	1.45	35	11.5	H7	f7	25.071	24.99	0.112	0.01
BB2522CLI01B	25	28	1.45	35	21.5	H7	f7	25.071	24.99	0.112	0.01
BB3016CLI01B	30	34	1.95	42	16	H7	f7	30.085	29.99	0.126	0.01
BB3026CLI01B	30	34	1.95	42	26	H7	f7	30.085	29.99	0.126	0.01
BB3526CLI01B	35	39	1.95	47	26	H7	f7	35.085	34.99	0.135	0.015
BB4026CLI01B	40	44	1.95	53	26	H7	f7	40.085	39.99	0.135	0.015
BB4526CLI01B	45	50	2.45	58	26	H7	f7	45.105	44.99	0.135	0.015



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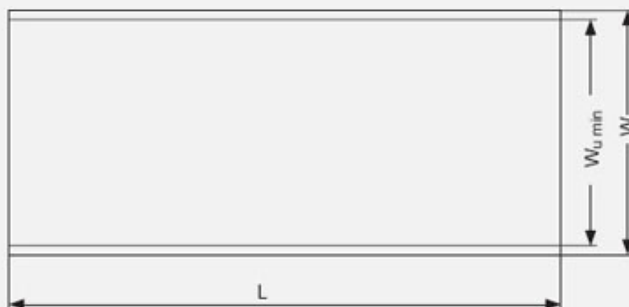
Metal Polymer Dry Bearings

■ DU Bearings ■ DU-B Bearings ■ DP4 Bearings ■ DP31 Bearings ■ DH Bearings ■ SS Bearings
■ DX Bearings ■ HX Bearings ■ Bearings for Shock Absorber ■ Door Hinge Bearings

CLI01-B Plate – Metric Size



CLI BEARINGS



Part No.	L (mm)	W (mm)	Wu (mm)	Ss (mm)
S07085CLI01B	500	95	85	0.72
S10180CLI01B	500	193	180	0.99
S15180CLI01B	500	193	180	1.5
S20180CLI01B	500	193	180	1.98
S25180CLI01B	500	193	180	2.48



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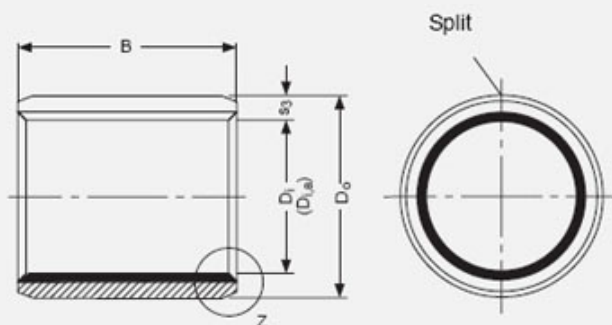
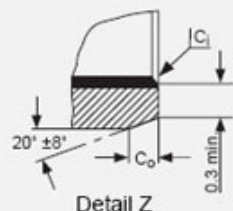
Metal Polymer Dry Bearings

■ DU Bearings ■ DU-B Bearings ■ DP4 Bearings ■ DP31 Bearings ■ DH Bearings ■ SS Bearings
■ DX Bearings ■ HX Bearings ■ Bearings for Shock Absorber ■ Door Hinge Bearings

CLI04 Cylindrical Bush – Metric Size



CLI BEARINGS



Part No.	Di (mm)	Do (mm)	B (mm)	Gehäuse	Shaft	Di,a max in H7 (mm)	Di,a min in H7 (mm)	Clearance max. (mm)	Clearance min. (mm)
0203CLI04	2	3.5	3	H6	h6	2.048	2	0.054	0
0205CLI04	2	3.5	5	H6	h6	2.048	2	0.054	0
0303CLI04	3	4.5	3	H6	h6	3.048	3	0.054	0
0305CLI04	3	4.5	5	H6	h6	3.048	3	0.054	0
0306CLI04	3	4.5	6	H6	h6	3.048	3	0.054	0
0403CLI04	4	5.5	3	H6	h6	4.048	4	0.056	0
0404CLI04	4	5.5	4	H6	h6	4.048	4	0.056	0
0406CLI04	4	5.5	6	H6	h6	4.048	4	0.056	0
0410CLI04	4	5.5	10	H6	h6	4.048	4	0.056	0
0505CLI04	5	7	5	H7	f7	5.055	4.99	0.077	0
0508CLI04	5	7	8	H7	f7	5.055	4.99	0.077	0
0510CLI04	5	7	10	H7	f7	5.055	4.99	0.077	0
0604CLI04	6	8	4	H7	f7	6.055	5.99	0.077	0
0606CLI04	6	8	6	H7	f7	6.055	5.99	0.077	0
0608CLI04	6	8	8	H7	f7	6.055	5.99	0.077	0
0610CLI04	6	8	10	H7	f7	6.055	5.99	0.077	0
0705CLI04	7	9	5	H7	f7	7.055	6.99	0.083	0.003
0710CLI04	7	9	10	H7	f7	7.055	6.99	0.083	0.003
0806CLI04	8	10	6	H7	f7	8.055	7.99	0.083	0.003
0808CLI04	8	10	8	H7	f7	8.055	7.99	0.083	0.003
0810CLI04	8	10	10	H7	f7	8.055	7.99	0.083	0.003
0812CLI04	8	10	12	H7	f7	8.055	7.99	0.083	0.003
1006CLI04	10	12	6	H7	f7	10.058	9.99	0.086	0.003
1008CLI04	10	12	8	H7	f7	10.058	9.99	0.086	0.003
1010CLI04	10	12	10	H7	f7	10.058	9.99	0.086	0.003
1012CLI04	10	12	12	H7	f7	10.058	9.99	0.086	0.003
1015CLI04	10	12	15	H7	f7	10.058	9.99	0.086	0.003
1020CLI04	10	12	20	H7	f7	10.058	9.99	0.086	0.003
1208CLI04	12	14	8	H7	f7	12.058	11.99	0.092	0.006
1210CLI04	12	14	10	H7	f7	12.058	11.99	0.092	0.006
1212CLI04	12	14	12	H7	f7	12.058	11.99	0.092	0.006

Part No.	Di (mm)	Do (mm)	B (mm)	Gehäuse	Shaft	Di,a max in H7 (mm)	Di,a min in H7 (mm)	Clearance max. (mm)	Clearance min. (mm)
1215CLI04	12	14	15	H7	f7	12.058	11.99	0.092	0.006
1225CLI04	12	14	25	H7	f7	12.058	11.99	0.092	0.006
1310CLI04	13	15	10	H7	f7	13.058	12.99	0.092	0.006
1320CLI04	13	15	20	H7	f7	13.058	12.99	0.092	0.006
1405CLI04	14	16	5	H7	f7	14.058	13.99	0.092	0.006
1410CLI04	14	16	10	H7	f7	14.058	13.99	0.092	0.006
1412CLI04	14	16	12	H7	f7	14.058	13.99	0.092	0.006
1415CLI04	14	16	15	H7	f7	14.058	13.99	0.092	0.006
1420CLI04	14	16	20	H7	f7	14.058	13.99	0.092	0.006
1425CLI04	14	16	25	H7	f7	14.058	13.99	0.092	0.006
1510CLI04	15	17	10	H7	f7	15.058	14.99	0.092	0.006
1512CLI04	15	17	12	H7	f7	15.058	14.99	0.092	0.006
1515CLI04	15	17	15	H7	f7	15.058	14.99	0.092	0.006
1520CLI04	15	17	20	H7	f7	15.058	14.99	0.092	0.006
1525CLI04	15	17	25	H7	f7	15.058	14.99	0.092	0.006
1610CLI04	16	18	10	H7	f7	16.058	15.99	0.092	0.006
1612CLI04	16	18	12	H7	f7	16.058	15.99	0.092	0.006
1615CLI04	16	18	15	H7	f7	16.058	15.99	0.092	0.006
1620CLI04	16	18	20	H7	f7	16.058	15.99	0.092	0.006
1625CLI04	16	18	25	H7	f7	16.058	15.99	0.092	0.006
1720CLI04	17	19	20	H7	f7	17.061	16.99	0.095	0.006
1810CLI04	18	20	10	H7	f7	18.061	17.99	0.095	0.006
1815CLI04	18	20	15	H7	f7	18.061	17.99	0.095	0.006
1820CLI04	18	20	20	H7	f7	18.061	17.99	0.095	0.006
1825CLI04	18	20	25	H7	f7	18.061	17.99	0.095	0.006
2010CLI04	20	23	10	H7	f7	20.071	19.99	0.112	0.01
2015CLI04	20	23	15	H7	f7	20.071	19.99	0.112	0.01
2020CLI04	20	23	20	H7	f7	20.071	19.99	0.112	0.01
2025CLI04	20	23	25	H7	f7	20.071	19.99	0.112	0.01
2030CLI04	20	23	30	H7	f7	20.071	19.99	0.112	0.01
2215CLI04	22	25	15	H7	f7	22.071	21.99	0.112	0.01
2220CLI04	22	25	20	H7	f7	22.071	21.99	0.112	0.01
2225CLI04	22	25	25	H7	f7	22.071	21.99	0.112	0.01
2230CLI04	22	25	30	H7	f7	22.071	21.99	0.112	0.01
2415CLI04	24	27	15	H7	f7	24.071	23.99	0.112	0.01
2420CLI04	24	27	20	H7	f7	24.071	23.99	0.112	0.01
2425CLI04	24	27	25	H7	f7	24.071	23.99	0.112	0.01
2430CLI04	24	27	30	H7	f7	24.071	23.99	0.112	0.01
2515CLI04	25	28	15	H7	f7	25.071	24.99	0.112	0.01
2520CLI04	25	28	20	H7	f7	25.071	24.99	0.112	0.01
2525CLI04	25	28	25	H7	f7	25.071	24.99	0.112	0.01
2530CLI04	25	28	30	H7	f7	25.071	24.99	0.112	0.01
2550CLI04	25	28	50	H7	f7	25.071	24.99	0.112	0.01
2815CLI04	28	32	15	H7	f7	28.085	27.99	0.126	0.01
2820CLI04	28	32	20	H7	f7	28.085	27.99	0.126	0.01

Part No.	Di (mm)	Do (mm)	B (mm)	Gehäuse	Shaft	Di,a max in H7 (mm)	Di,a min in H7 (mm)	Clearance max. (mm)	Clearance min. (mm)
2825CLI04	28	32	25	H7	f7	28.085	27.99	0.126	0.01
2830CLI04	28	32	30	H7	f7	28.085	27.99	0.126	0.01
3015CLI04	30	34	15	H7	f7	30.085	29.99	0.126	0.01
3020CLI04	30	34	20	H7	f7	30.085	29.99	0.126	0.01
3025CLI04	30	34	25	H7	f7	30.085	29.99	0.126	0.01
3030CLI04	30	34	30	H7	f7	30.085	29.99	0.126	0.01
3040CLI04	30	34	40	H7	f7	30.085	29.99	0.126	0.01
3220CLI04	32	36	20	H7	f7	32.085	31.99	0.135	0.015
3230CLI04	32	36	30	H7	f7	32.085	31.99	0.135	0.015
3240CLI04	32	36	40	H7	f7	32.085	31.99	0.135	0.015
3520CLI04	35	39	20	H7	f7	35.085	34.99	0.135	0.015
3530CLI04	35	39	30	H7	f7	35.085	34.99	0.135	0.015
3535CLI04	35	39	35	H7	f7	35.085	34.99	0.135	0.015
3540CLI04	35	39	40	H7	f7	35.085	34.99	0.135	0.015
3550CLI04	35	39	50	H7	f7	35.085	34.99	0.135	0.015
3720CLI04	37	41	20	H7	f7	37.085	36.99	0.135	0.015
4020CLI04	40	44	20	H7	f7	40.085	39.99	0.135	0.015
4030CLI04	40	44	30	H7	f7	40.085	39.99	0.135	0.015
4040CLI04	40	44	40	H7	f7	40.085	39.99	0.135	0.015
4050CLI04	40	44	50	H7	f7	40.085	39.99	0.135	0.015
4520CLI04	45	50	20	H7	f7	45.105	44.99	0.155	0.015
4530CLI04	45	50	30	H7	f7	45.105	44.99	0.155	0.015
4540CLI04	45	50	40	H7	f7	45.105	44.99	0.155	0.015
4545CLI04	45	50	45	H7	f7	45.105	44.99	0.155	0.015
4550CLI04	45	50	50	H7	f7	45.105	44.99	0.155	0.015
5020CLI04	50	55	20	H7	f7	50.11	49.99	0.16	0.015
5030CLI04	50	55	30	H7	f7	50.11	49.99	0.16	0.015
5040CLI04	50	55	40	H7	f7	50.11	49.99	0.16	0.015
5050CLI04	50	55	50	H7	f7	50.11	49.99	0.16	0.015
5060CLI04	50	55	60	H7	f7	50.11	49.99	0.16	0.015
5520CLI04	55	60	20	H7	f7	55.11	54.99	0.17	0.02
5525CLI04	55	60	25	H7	f7	55.11	54.99	0.17	0.02
5530CLI04	55	60	30	H7	f7	55.11	54.99	0.17	0.02
5540CLI04	55	60	40	H7	f7	55.11	54.99	0.17	0.02
5550CLI04	55	60	50	H7	f7	55.11	54.99	0.17	0.02
5555CLI04	55	60	55	H7	f7	55.11	54.99	0.17	0.02
5560CLI04	55	60	60	H7	f7	55.11	54.99	0.17	0.02
6020CLI04	60	65	20	H7	f7	60.11	59.99	0.17	0.02
6030CLI04	60	65	30	H7	f7	60.11	59.99	0.17	0.02
6040CLI04	60	65	40	H7	f7	60.11	59.99	0.17	0.02
6050CLI04	60	65	50	H7	f7	60.11	59.99	0.17	0.02
6060CLI04	60	65	60	H7	f7	60.11	59.99	0.17	0.02
6070CLI04	60	65	70	H7	f7	60.11	59.99	0.17	0.02
6530CLI04	65	70	30	H7	f7	65.11	64.99	0.17	0.02
6550CLI04	65	70	50	H7	f7	65.11	64.99	0.17	0.02

Part No.	Di (mm)	Do (mm)	B (mm)	Gehäuse	Shaft	Di,a max in H7 (mm)	Di,a min in H7 (mm)	Clearance max. (mm)	Clearance min. (mm)
6570CLI04	65	70	70	H7	f7	65.11	64.99	0.17	0.02
7040CLI04	70	75	40	H7	f7	70.11	69.99	0.17	0.02
7050CLI04	70	75	50	H7	f7	70.11	69.99	0.17	0.02
7560CLI04	75	80	60	H7	f7	75.11	74.99	0.17	0.02
7580CLI04	75	80	80	H7	f7	75.11	74.99	0.17	0.02
8040CLI04	80	85	40	H7	h8	80.155	80.02	0.209	0.02
8060CLI04	80	85	60	H7	h8	80.155	80.02	0.209	0.02
8080CLI04	80	85	80	H7	h8	80.155	80.02	0.209	0.02
80100CLI04	80	85	100	H7	h8	80.155	80.02	0.209	0.02
8530CLI04	85	90	30	H7	h8	85.155	85.02	0.209	0.02
8560CLI04	85	90	60	H7	h8	85.155	85.02	0.209	0.02
85100CLI04	85	90	100	H7	h8	85.155	85.02	0.209	0.02
9060CLI04	90	95	60	H7	h8	90.155	90.02	0.209	0.02
90100CLI04	90	95	100	H7	h8	90.155	90.02	0.209	0.02
9560CLI04	95	100	60	H7	h8	95.155	95.02	0.209	0.02
95100CLI04	95	100	100	H7	h8	95.155	95.02	0.209	0.02
10050CLI04	100	105	50	H7	h8	100.155	100.02	0.209	0.02
10060CLI04	100	105	60	H7	h8	100.155	100.02	0.209	0.02
100115CLI04	100	105	115	H7	h8	100.155	100.02	0.209	0.02



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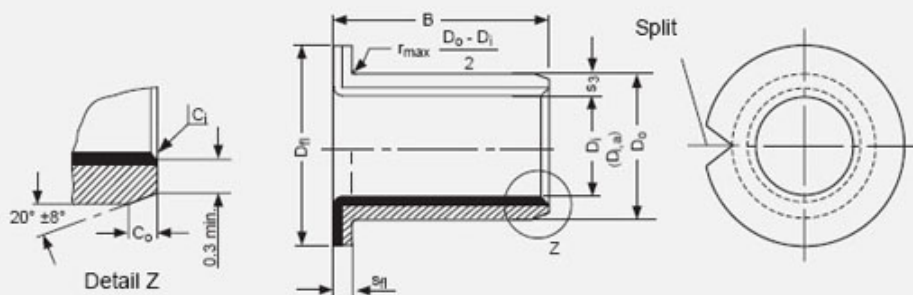
Metal Polymer Dry Bearings

■ DU Bearings ■ DU-B Bearings ■ DP4 Bearings ■ DP31 Bearings ■ DH Bearings ■ SS Bearings
■ DX Bearings ■ HX Bearings ■ Bearings for Shock Absorber ■ Door Hinge Bearings

CLI04 Flanged Bush – Metric Size



CLI BEARINGS



Part No.	D_i (mm)	D_o (mm)	S_f (mm)	D_{fi} (mm)	B (mm)	Housing	Shaft	$D_{i,a}$ max in H7 (mm)	$D_{i,a}$ min in H7 (mm)	Clearance max. (mm)	Clearance min. (mm)
BB0304CLI04	3	4.5	0.75	7	4	H6	h6	3.048	3	0.054	0
BB0404CLI04	4	5.5	0.75	9	4	H6	h6	4.048	4	0.056	0
BB0505CLI04	5	7	0.925	10	5	H7	f7	5.055	4.99	0.077	0
BB0604CLI04	6	8	0.925	12	4	H7	f7	6.055	5.99	0.077	0
BB0608CLI04	6	8	0.925	12	8	H7	f7	6.055	5.99	0.077	0
BB0806CLI04	8	10	0.925	15	5.5	H7	f7	8.055	7.99	0.083	0.003
BB0808CLI04	8	10	0.925	15	7.5	H7	f7	8.055	7.99	0.083	0.003
BB0810CLI04	8	10	0.925	15	9.5	H7	f7	8.055	7.99	0.083	0.003
BB1007CLI04	10	12	0.925	18	7	H7	f7	10.058	9.99	0.086	0.003
BB1009CLI04	10	12	0.925	18	9	H7	f7	10.058	9.99	0.086	0.003
BB1012CLI04	10	12	0.925	18	12	H7	f7	10.058	9.99	0.086	0.003
BB1017CLI04	10	12	0.925	18	17	H7	f7	10.058	9.99	0.086	0.003
BB1207CLI04	12	14	0.925	20	7	H7	f7	12.058	11.99	0.092	0.006
BB1209CLI04	12	14	0.925	20	9	H7	f7	12.058	11.99	0.092	0.006
BB1212CLI04	12	14	0.925	20	12	H7	f7	12.058	11.99	0.092	0.006
BB1217CLI04	12	14	0.925	20	17	H7	f7	12.058	11.99	0.092	0.006
BB1412CLI04	14	16	0.925	22	12	H7	f7	14.058	13.99	0.092	0.006
BB1417CLI04	14	16	0.925	22	17	H7	f7	14.058	13.99	0.092	0.006
BB1509CLI04	15	17	0.925	23	9	H7	f7	15.058	14.99	0.092	0.006
BB1512CLI04	15	17	0.925	23	12	H7	f7	15.058	14.99	0.092	0.006
BB1517CLI04	15	17	0.925	24	17	H7	f7	15.058	14.99	0.092	0.006
BB1612CLI04	16	18	0.925	24	12	H7	f7	16.058	15.99	0.092	0.006
BB1617CLI04	16	18	0.925	24	17	H7	f7	16.058	15.99	0.092	0.006
BB1812CLI04	18	20	0.925	26	12	H7	f7	18.061	17.99	0.095	0.006
BB1817CLI04	18	20	0.925	26	17	H7	f7	18.061	17.99	0.095	0.006
BB1822CLI04	18	20	0.925	26	22	H7	f7	18.061	17.99	0.095	0.006
BB2012CLI04	20	23	1.45	30	11.5	H7	f7	20.071	19.99	0.112	0.01
BB2017CLI04	20	23	1.45	30	16.5	H7	f7	20.071	19.99	0.112	0.01
BB2022CLI04	20	23	1.45	30	21.5	H7	f7	20.071	19.99	0.112	0.01
BB2512CLI04	25	28	1.45	35	11.5	H7	f7	25.071	24.99	0.112	0.01
BB2517CLI04	25	28	1.45	35	16.5	H7	f7	25.071	24.99	0.112	0.01

Part No.	Di (mm)	Do (mm)	Sfl (mm)	Dfl (mm)	B (mm)	Housing	Shaft	Di,a max in H7 (mm)	Di,a min in H7 (mm)	Clearance max. (mm)	Clearance min. (mm)
BB2522CLI04	25	28	1.45	35	21.5	H7	f7	25.071	24.99	0.112	0.01
BB3026CLI04	30	34	1.95	42	26	H7	f7	30.085	29.99	0.126	0.01
BB3516CLI04	35	39	1.95	47	16	H7	f7	35.085	34.99	0.135	0.015
BB3526CLI04	35	39	1.95	47	26	H7	f7	35.085	34.99	0.135	0.015
BB4016CLI04	40	44	1.95	53	16	H7	f7	40.085	39.99	0.135	0.015
BB4026CLI04	40	44	1.95	53	26	H7	f7	40.085	39.99	0.135	0.015
BB4516CLI04	45	50	2.45	58	16	H7	f7	45.105	44.99	0.155	0.015
BB4526CLI04	45	50	2.45	58	26	H7	f7	45.105	44.99	0.155	0.015



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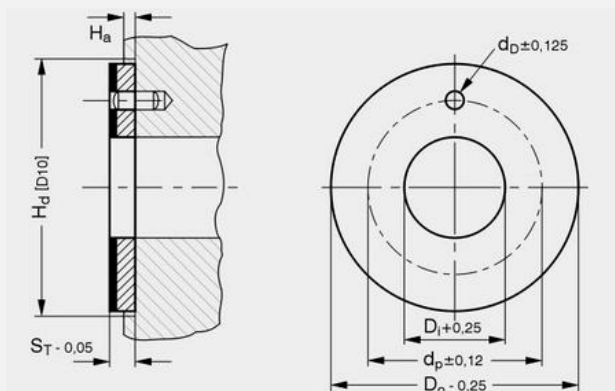
Metal Polymer Dry Bearings

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CLI04 Thrust Washer – Metric Size



CLI BEARINGS



Part No.	Di (mm)	Do (mm)	ST (mm)	dD (mm)	dP (mm)	Ha max. (mm)	Ha min. (mm)
WC08CLI04	10	20	1.5			1.2	0.95
WC10CLI04	12	24	1.5	1.75	18	1.2	0.95
WC12CLI04	14	26	1.5	2.25	20	1.2	0.95
WC14CLI04	16	30	1.5	2.25	22	1.2	0.95
WC16CLI04	18	32	1.5	2.25	25	1.2	0.95
WC18CLI04	20	36	1.5	3.25	28	1.2	0.95
WC20CLI04	22	38	1.5	3.25	30	1.2	0.95
WC22CLI04	24	42	1.5	3.25	33	1.2	0.95
WC24CLI04	26	44	1.5	3.25	35	1.2	0.95
WC25CLI04	28	48	1.5	4.25	38	1.2	0.95
WC30CLI04	32	54	1.5	4.25	43	1.2	0.95
WC35CLI04	38	62	1.5	4.25	50	1.2	0.95
WC40CLI04	42	66	1.5	4.25	54	1.2	0.95
WC45CLI04	48	74	2	4.25	61	1.7	1.45
WC50CLI04	52	78	2	4.25	65	1.7	1.45
WC60CLI04	62	90	2	4.25	76	1.7	1.45



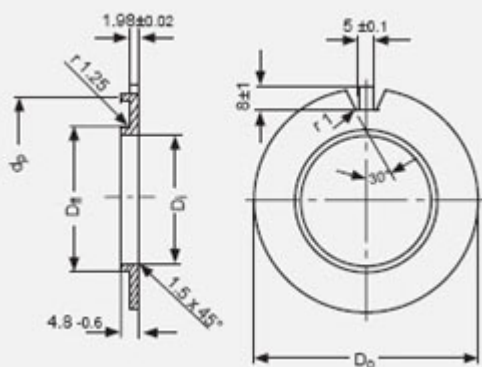
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CLI04 Flanged Washer – Metric Size



Part No.	Di (mm)	Do (mm)	Dfl (mm)	dP (mm)
BS40CLI04	40.45	75	44	64.75
BS50CLI04	51.25	85	55	74.75
BS60CLI04	61.25	95	65	84.75
BS70CLI04	71.25	110	75	99.75
BS80CLI04	81.25	120	85	109.75
BS90CLI04	91.25	130	95	119.75
BS100CLI04	101.25	140	105	129.75



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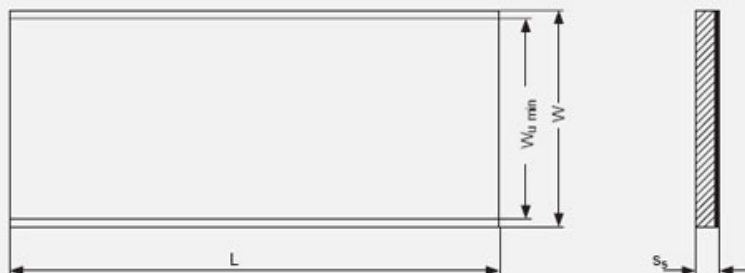
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■ DX Bearings ■ HX Bearings ■ Bearings for Shock Absorber ■ Door Hinge Bearings

CLI04 Plate – Metric Size



CLI BEARINGS



Part No.	L (mm)	W (mm)	Wu (mm)	Ss (mm)
S07190CLI04	500	200	190	0.72
S10190CLI04	500	200	190	0.99
S15190CLI04	500	200	190	1.5
S20190CLI04	500	200	190	1.96
S25240CLI04	500	254	240	2.44



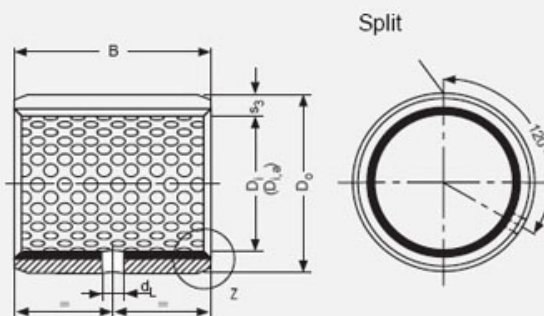
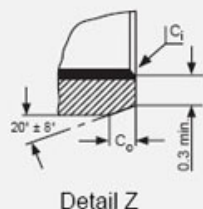
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Metal Polymer Dry Bearings

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■ DX Bearings ■ HX Bearings ■ Bearings for Shock Absorber ■ Door Hinge Bearings

CLI02 Cylindrical Bush – Metric Size



Part No.	Di (mm)	Do (mm)	B (mm)	Housing	Shaft	Di Ass. in and H7 Hsg. max. (mm)	Di Ass. in and H7 Hsg. min. (mm)	Clearance max. (mm)	Clearance min. (mm)	Oil hole-Ø dL (mm)
MB0808CLI02	8	10	8	H7	d8	8.015	8	0.077	0.04	
MB0810CLI02	8	10	10	H7	d8	8.015	8	0.077	0.04	
MB0812CLI02	8	10	12	H7	d8	8.015	8	0.077	0.04	
MB1010CLI02	10	12	10	H7	d8	10.018	10	0.08	0.04	3
MB1012CLI02	10	12	12	H7	d8	10.018	10	0.08	0.04	4
MB1015CLI02	10	12	15	H7	d8	10.018	10	0.08	0.04	4
MB1020CLI02	10	12	20	H7	d8	10.018	10	0.08	0.04	4
MB1210CLI02	12	14	10	H7	d8	12.018	12	0.095	0.05	3
MB1212CLI02	12	14	12	H7	d8	12.018	12	0.095	0.05	4
MB1215CLI02	12	14	15	H7	d8	12.018	12	0.095	0.05	4
MB1220CLI02	12	14	20	H7	d8	12.018	12	0.095	0.05	4
MB1225CLI02	12	14	25	H7	d8	12.018	12	0.095	0.05	4
MB1415CLI02	14	16	15	H7	d8	14.018	14	0.095	0.05	4
MB1420CLI02	14	16	20	H7	d8	14.018	14	0.095	0.05	4
MB1425CLI02	14	16	25	H7	d8	14.018	14	0.095	0.05	4
MB1510CLI02	15	17	10	H7	d8	15.018	15	0.095	0.05	3
MB1512CLI02	15	17	12	H7	d8	15.018	15	0.095	0.05	4
MB1515CLI02	15	17	15	H7	d8	15.018	15	0.095	0.05	4
MB1525CLI02	15	17	25	H7	d8	15.018	15	0.095	0.05	4
MB1615CLI02	16	18	15	H7	d8	16.018	16	0.095	0.05	4
MB1620CLI02	16	18	20	H7	d8	16.018	16	0.095	0.05	4
MB1625CLI02	16	18	25	H7	d8	16.018	16	0.095	0.05	4
MB1815CLI02	18	20	15	H7	d8	18.018	18	0.095	0.05	4
MB1820CLI02	18	20	20	H7	d8	18.018	18	0.095	0.05	4
MB1825CLI02	18	20	25	H7	d8	18.018	18	0.095	0.05	4
MB2010CLI02	20	23	10	H7	d8	20.021	20	0.119	0.065	4
MB2015CLI02	20	23	15	H7	d8	20.021	20	0.119	0.065	4
MB2020CLI02	20	23	20	H7	d8	20.021	20	0.119	0.065	4
MB2025CLI02	20	23	25	H7	d8	20.021	20	0.119	0.065	4
MB2030CLI02	20	23	30	H7	d8	20.021	20	0.119	0.065	4

Part No.	Di (mm)	Do (mm)	B (mm)	Housing	Shaft	Di Ass. in and H7 Hsg. max. (mm)	Di Ass. in and H7 Hsg. min. (mm)	Clearance max. (mm)	Clearance min. (mm)	Oil hole-Ø dL (mm)
MB2215CLI02	22	25	15	H7	d8	22.021	22	0.119	0.065	6
MB2220CLI02	22	25	20	H7	d8	22.021	22	0.119	0.065	6
MB2415CLI02	24	27	15	H7	d8	24.021	24	0.119	0.065	6
MB2420CLI02	24	27	20	H7	d8	24.021	24	0.119	0.065	6
MB2425CLI02	24	27	25	H7	d8	24.021	24	0.119	0.065	6
MB2430CLI02	24	27	30	H7	d8	24.021	24	0.119	0.065	6
MB2515CLI02	25	28	15	H7	d8	25.021	25	0.119	0.065	6
MB2520CLI02	25	28	20	H7	d8	25.021	25	0.119	0.065	6
MB2525CLI02	25	28	25	H7	d8	25.021	25	0.119	0.065	6
MB2530CLI02	25	28	30	H7	d8	25.021	25	0.119	0.065	6
MB2820CLI02	28	32	20	H7	d8	28.021	28	0.119	0.065	6
MB2825CLI02	28	32	25	H7	d8	28.021	28	0.119	0.065	6
MB2830CLI02	28	32	30	H7	d8	28.021	28	0.119	0.065	6
MB3020CLI02	30	34	20	H7	d8	30.021	30	0.119	0.065	6
MB3030CLI02	30	34	30	H7	d8	30.021	30	0.119	0.065	6
MB3040CLI02	30	34	40	H7	d8	30.021	30	0.119	0.065	6
MB3220CLI02	32	36	20	H7	d8	32.025	32	0.144	0.08	6
MB3230CLI02	32	36	30	H7	d8	32.025	32	0.144	0.08	6
MB3235CLI02	32	36	35	H7	d8	32.025	32	0.144	0.08	6
MB3240CLI02	32	36	40	H7	d8	32.025	32	0.144	0.08	6
MB3520CLI02	35	39	20	H7	d8	35.025	35	0.144	0.08	6
MB3530CLI02	35	39	30	H7	d8	35.025	35	0.144	0.08	6
MB3550CLI02	35	39	50	H7	d8	35.025	35	0.144	0.08	6
MB3720CLI02	37	41	20	H7	d8	37.025	37	0.144	0.08	6
MB4020CLI02	40	44	20	H7	d8	40.025	40	0.144	0.08	8
MB4030CLI02	40	44	30	H7	d8	40.025	40	0.144	0.08	8
MB4040CLI02	40	44	40	H7	d8	40.025	40	0.144	0.08	8
MB4050CLI02	40	44	50	H7	d8	40.025	40	0.144	0.08	8
MB4520CLI02	45	50	20	H7	d8	45.025	45	0.144	0.08	8
MB4530CLI02	45	50	30	H7	d8	45.025	45	0.144	0.08	8
MB4540CLI02	45	50	40	H7	d8	45.025	45	0.144	0.08	8
MB4545CLI02	45	50	45	H7	d8	45.025	45	0.144	0.08	8
MB4550CLI02	45	50	50	H7	d8	45.025	45	0.144	0.08	8
MB5040CLI02	50	55	40	H7	d8	50.025	50	0.144	0.08	8
MB5060CLI02	50	55	60	H7	d8	50.025	50	0.144	0.08	8
MB5520CLI02	55	60	20	H7	d8	55.03	55	0.176	0.1	8
MB5525CLI02	55	60	25	H7	d8	55.03	55	0.176	0.1	8
MB5530CLI02	55	60	30	H7	d8	55.03	55	0.176	0.1	8
MB5540CLI02	55	60	40	H7	d8	55.03	55	0.176	0.1	8
MB5550CLI02	55	60	50	H7	d8	55.03	55	0.176	0.1	8
MB5560CLI02	55	60	60	H7	d8	55.03	55	0.176	0.1	8
MB6030CLI02	60	65	30	H7	d8	60.03	60	0.176	0.1	8
MB6040CLI02	60	65	40	H7	d8	60.03	60	0.176	0.1	8
MB6060CLI02	60	65	60	H7	d8	60.03	60	0.176	0.1	8

Part No.	Di (mm)	Do (mm)	B (mm)	Housing	Shaft	Di Ass. in and H7 Hsg. max. (mm)	Di Ass. in and H7 Hsg. min. (mm)	Clearance max. (mm)	Clearance min. (mm)	Oil hole-Ø dL (mm)
MB6070CLI02	60	65	70	H7	d8	60.03	60	0.176	0.1	8
MB6540CLI02	65	70	40	H7	d8	65.03	65	0.176	0.1	8
MB6560CLI02	65	70	60	H7	d8	65.03	65	0.176	0.1	8
MB6570CLI02	65	70	70	H7	d8	65.03	65	0.176	0.1	8
MB7040CLI02	70	75	40	H7	d8	70.03	70	0.176	0.1	8
MB7050CLI02	70	75	50	H7	d8	70.03	70	0.176	0.1	8
MB7065CLI02	70	75	65	H7	d8	70.03	70	0.176	0.1	8
MB7070CLI02	70	75	70	H7	d8	70.03	70	0.176	0.1	8
MB7080CLI02	70	75	80	H7	d8	70.03	70	0.176	0.1	8
MB7540CLI02	75	80	40	H7	d8	75.03	75	0.176	0.1	9.5
MB7560CLI02	75	80	60	H7	d8	75.03	75	0.176	0.1	9.5
MB7580CLI02	75	80	80	H7	d8	75.03	75	0.176	0.1	9.5
MB8040CLI02	80	85	40	H7	d8	80.03	80	0.176	0.1	9.5
MB8060CLI02	80	85	60	H7	d8	80.03	80	0.176	0.1	9.5
MB8080CLI02	80	85	80	H7	d8	80.03	80	0.176	0.1	9.5
MB80100CLI02	80	85	100	H7	d8	80.03	80	0.176	0.1	9.5
MB8530CLI02	85	90	30	H7	d8	85.035	85	0.209	0.12	9.5
MB8540CLI02	85	90	40	H7	d8	85.035	85	0.209	0.12	9.5
MB8560CLI02	85	90	60	H7	d8	85.035	85	0.209	0.12	9.5
MB8580CLI02	85	90	80	H7	d8	85.035	85	0.209	0.12	9.5
MB85100CLI02	85	90	100	H7	d8	85.035	85	0.209	0.12	9.5
MB9040CLI02	90	95	40	H7	d8	90.035	90	0.209	0.12	9.5
MB9060CLI02	90	95	60	H7	d8	90.035	90	0.209	0.12	9.5
MB9090CLI02	90	95	90	H7	d8	90.035	90	0.209	0.12	9.5
MB90100CLI02	90	95	100	H7	d8	90.035	90	0.209	0.12	9.5
MB9560CLI02	95	100	60	H7	d8	95.035	95	0.209	0.12	9.5
MB95100CLI02	95	100	100	H7	d8	95.035	95	0.209	0.12	9.5
MB10050CLI02	100	105	50	H7	d8	100.035	100	0.209	0.12	9.5
MB10060CLI02	100	105	60	H7	d8	100.035	100	0.209	0.12	9.5
MB10080CLI02	100	105	80	H7	d8	100.035	100	0.209	0.12	9.5
MB10095CLI02	100	105	95	H7	d8	100.035	100	0.209	0.12	9.5
MB100115CLI02	100	105	115	H7	d8	100.035	100	0.209	0.12	9.5



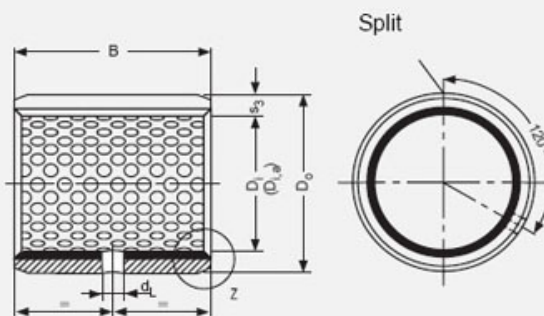
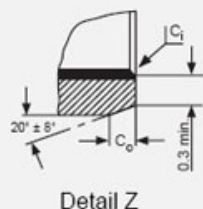
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CLI02 Cylindrical Bush – Inch Size



Part No.	Di [inch]	Do [inch]	B (inch)	DJ max. (inch)	DJ min. (inch)	DH max. (inch)	DH min. (inch)	Di,a max (inch)	Di,a min (inch)	Clearance max. (inch)	Clearance min. (inch)	Ø dL [inch]
008CLI02006	1/2	19/32	0.375	0.5	0.499	0.6352	0.6345	0.5038	0.5007	0.0017	0.0002	5/32
008CLI02008	1/2	19/32	0.5	0.5	0.499	0.6352	0.6345	0.5038	0.5007	0.0048	0.0002	5/32
010CLI02010	5/8	23/32	0.625	0.625	0.624	0.7604	0.7596	0.629	0.6258	0.005	0.0002	5/32
010CLI02012	5/8	23/32	0.75	0.625	0.624	0.7604	0.7596	0.629	0.6258	0.005	0.0002	5/32
012CLI02012	3/4	7/8	0.75	0.75	0.7488	0.8854	0.8846	0.754	0.7508	0.0052	0.0002	5/32
012CLI02016	3/4	7/8	1	0.75	0.7488	0.8854	0.8846	0.754	0.7508	0.0052	0.0002	5/32
014CLI02012	7/8	1	0.75	0.875	0.8738	1.0105	1.0097	0.8791	0.8759	0.0053	0.0002	5/32
014CLI02016	7/8	1	1	0.875	0.8738	1.0105	1.0097	0.8791	0.8759	0.0053	0.0002	5/32
016CLI02012	1	1 1/8	0.75	1	0.9988	1.1356	1.1348	1.0042	1.001	0.0054	0.0001	5/16
016CLI02016	1	1 1/8	1	1	0.9988	1.1356	1.1348	1.0042	1.001	0.0054	0.0001	5/16
018CLI02012	1 1/8	1 9/32	0.75	1.125	1.1238	1.1206	1.2598	1.1292	1.126	0.0054	0.0002	5/16
018CLI02016	1 1/8	1 9/32	1	1.125	1.1238	1.1206	1.2598	1.1292	1.126	0.0054	0.0002	5/16
020CLI02012	1 1/4	1 13/32	0.75	1.25	1.2484	1.417	1.416	1.255	1.2512	0.0066	0.0002	5/16
020CLI02016	1 1/4	1 13/32	1	1.25	1.2484	1.417	1.416	1.255	1.2512	0.0066	0.0002	5/16
022CLI02016	1 3/8	1 17/32	1	1.375	1.3734	1.542	1.541	1.38	1.3762	0.0066	0.0002	5/16
022CLI02024	1 3/8	1 17/32	1.5	1.375	1.3734	1.542	1.541	1.38	1.3762	0.0066	0.0002	5/16
024CLI02016	1 1/2	1 21/32	1	1.5	1.4984	1.667	1.666	1.505	1.5012	0.0066	0.0002	5/16
024CLI02024	1 1/2	1 21/32	1.5	1.5	1.4984	1.667	1.666	1.505	1.5012	0.0066	0.0002	5/16
024CLI02032	1 1/2	1 21/32	2	1.5	1.4984	1.667	1.666	1.505	1.5012	0.0066	0.0002	5/16
026CLI02016	1 5/8	1 25/32	1	1.625	1.6234	1.792	1.791	1.63	1.6262	0.0066	0.0002	5/16
026CLI02024	1 5/8	1 25/32	1.5	1.625	1.6234	1.792	1.791	1.63	1.6262	0.0066	0.0002	5/16
026CLI02032	1 5/8	1 25/32	2	1.625	1.6234	1.792	1.791	1.63	1.6262	0.0066	0.0002	5/16
028CLI02016	1 3/4	1 15/16	1	1.75	1.7484	1.9381	1.9371	1.7577	1.7515	0.0093	0.0002	5/16
028CLI02024	1 3/4	1 15/16	1.5	1.75	1.7484	1.9381	1.9371	1.7577	1.7515	0.0093	0.0002	5/16
028CLI02032	1 3/4	1 15/16	2	1.75	1.7484	1.9381	1.9371	1.7577	1.7515	0.0093	0.0002	5/16
030CLI02016	1 7/8	2 1/16	1	1.875	1.8734	2.0633	2.0621	1.8829	1.8765	0.0095	0.0002	5/16
030CLI02024	1 7/8	2 1/16	1.5	1.875	1.8734	2.0633	2.0621	1.8829	1.8765	0.0095	0.0002	5/16
030CLI02032	1 7/8	2 1/16	1.875	1.875	1.8734	2.0633	2.0621	1.8829	1.8765	0.0095	0.0002	5/16
030CLI02036	1 7/8	2 1/16	2.25	1.875	1.8734	2.0633	2.0621	1.8829	1.8765	0.0095	0.0002	5/16
032CLI02016	2	2 3/16	1	2	1.9982	2.1883	2.1871	2.0079	2.0015	0.0097	0.0002	5/16

Part No.	Di [inch]	Do [inch]	B (inch)	DJ max. (inch)	DJ min. (inch)	DH max. (inch)	DH min. (inch)	Di,a max (inch)	Di,a min (inch)	Clearance max. (inch)	Clearance min. (inch)	Ø dL [inch]
032CLI02024	2	2 3/16	1.5	2	1.9982	2.1883	2.1871	2.0079	2.0015	0.0097	0.0002	5/16
040CLI02024	2 1/2	2 11/16	1.5	2.5	2.4982	2.6883	2.6871	2.5079	2.5015	0.0097	0.0002	5/16
040CLI02032	2 1/2	2 11/16	2	2.5	2.4982	2.6883	2.6871	2.5079	2.5015	0.0097	0.0002	5/16
040CLI02040	2 1/2	2 11/16	2.5	2.5	2.4982	2.6883	2.6871	2.5079	2.5015	0.0097	0.0002	5/16
048CLI02024	3	3 3/16	1.5	3	2.9982	3.1889	3.1875	3.0085	3.0019	0.0103	0.0002	5/16
048CLI02032	3	3 3/16	2.5	3	2.9982	3.1889	3.1875	3.0085	3.0019	0.0103	0.0002	5/16
048CLI02040	3	3 3/16	2.5	3	2.9982	3.1889	3.1875	3.0085	3.0019	0.0103	0.0002	5/16
048CLI02048	3	3 3/16	3	3	2.9982	3.1889	3.1875	3.0085	3.0019	0.0103	0.0002	5/16



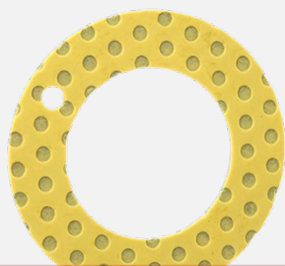
CLI INDUSTRIAL CO., LTD.

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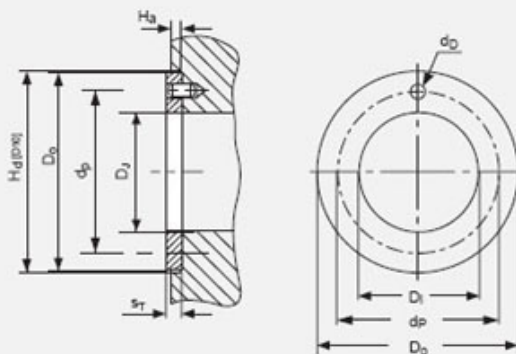
Metal Polymer Dry Bearings

■ DU Bearings ■ DU-B Bearings ■ DP4 Bearings ■ DP31 Bearings ■ DH Bearings ■ SS Bearings
■ DX Bearings ■ HX Bearings ■ Bearings for Shock Absorber ■ Door Hinge Bearings

CLI02 Thrust Washer – Metric Size



CLI BEARINGS



Part No.	Di (mm)	Do (mm)	ST (mm)	dD (mm)	dP (mm)	Ha max. (mm)	Ha min. (mm)
WC08CLI02	10	20	1.58			1.2	0.95
WC10CLI02	12	24	1.58	1.75	18	1.2	0.95
WC12CLI02	14	26	1.58	2.25	20	1.2	0.95
WC14CLI02	16	30	1.58	2.25	22	1.2	0.95
WC16CLI02	18	32	1.58	2.25	25	1.2	0.95
WC18CLI02	20	36	1.58	3.25	28	1.2	0.95
WC20CLI02	22	38	1.58	3.25	30	1.2	0.95
WC22CLI02	24	42	1.58	3.25	33	1.2	0.95
WC24CLI02	26	44	1.58	3.25	35	1.2	0.95
WC25CLI02	28	48	1.58	4.25	38	1.2	0.95
WC30CLI02	32	54	1.58	4.25	43	1.2	0.95
WC35CLI02	38	62	1.58	4.25	50	1.2	0.95
WC40CLI02	42	66	1.58	4.25	54	1.2	0.95
WC45CLI02	48	74	2.6	4.25	61	1.7	1.45
WC50CLI02	52	78	2.6	4.25	65	1.7	1.45



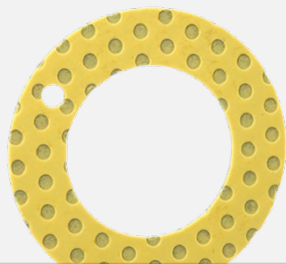
CLI INDUSTRIAL CO., LTD.

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Sliding Bearing Factory

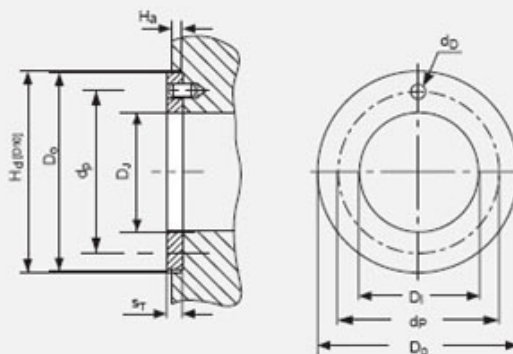
Metal Polymer Dry Bearings

■ DU Bearings ■ DU-B Bearings ■ DP4 Bearings ■ DP31 Bearings ■ DH Bearings ■ SS Bearings
■ DX Bearings ■ HX Bearings ■ Bearings for Shock Absorber ■ Door Hinge Bearings

CLI02 Thrust Washer – Inch Size



CLI BEARINGS

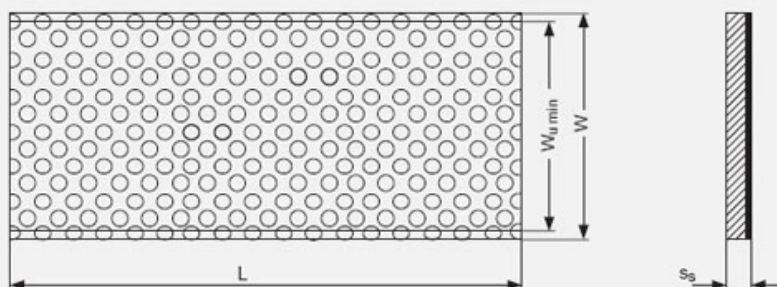


Part No.	Di (inch)	Do (inch)	ST (inch)	dD (inch)	dP (inch)	Ha max. (inch)	Ha min. (inch)
08CLI02	0.635	1.125	0.066	0.104	0.875	0.05	0.04
10CLI02	0.76	1.25	0.066	0.104	1	0.05	0.04
12CLI02	0.885	1.5	0.066	0.135	1.187	0.05	0.04
14CLI02	1.01	1.75	0.066	0.135	1.375	0.05	0.04
16CLI02	1.135	2	0.066	0.166	1.562	0.05	0.04
18CLI02	1.26	2.125	0.066	0.166	1.687	0.05	0.04
20CLI02	1.385	2.25	0.066	0.166	1.812	0.05	0.04
22CLI02	1.51	2.5	0.066	0.197	2	0.05	0.04
24CLI02	1.635	2.625	0.066	0.197	2.125	0.05	0.04
26CLI02	1.76	2.75	0.066	0.197	2.25	0.05	0.04
28CLI02	2.01	3	0.093	0.197	2.5	0.08	0.07
30CLI02	2.135	3.125	0.093	0.197	2.625	0.08	0.07
32CLI02	2.26	3.25	0.093	0.197	2.75	0.08	0.07

CLI02 Thrust Plate – Metric Size



CLI BEARINGS



Part No.	L (mm)	W (mm)	Wu (mm)	Ss (mm)
S10150CLI02	500	160	150	1.05
S15190CLI02	500	200	190	1.54
S20190CLI02	500	200	190	2.03
S25190CLI02	500	200	190	2.55



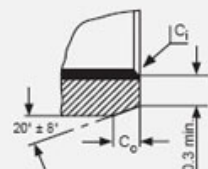
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Sliding Bearing Factory

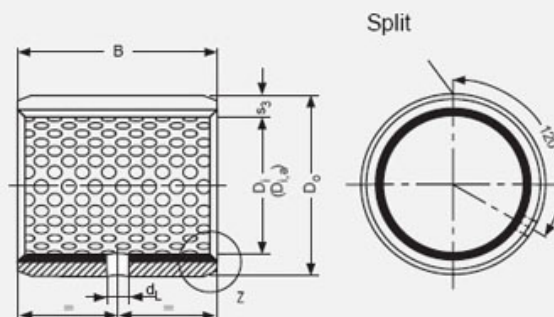
Metal Polymer Dry Bearings

■ DU Bearings ■ DU-B Bearings ■ DP4 Bearings ■ DP31 Bearings ■ DH Bearings ■ SS Bearings
■ DX Bearings ■ HX Bearings ■ Bearings for Shock Absorber ■ Door Hinge Bearings

CLI03 Cylindrical Bush – Metric Size



Detail Z



Part No.	Di (mm)	Do (mm)	B (mm)	Housing	Shaft	Di,a max in H7 (mm)	Di,a min in H7 (mm)	Clearance max. (mm)	Clearance min. (mm)	Ø dL (mm)
0808CLI03	8	10	8	H7	h8	8.105	8.04	0.127	0.04	
0810CLI03	8	10	10	H7	h8	8.105	8.04	0.127	0.04	
0812CLI03	8	10	12	H7	h8	8.105	8.04	0.127	0.04	
1010CLI03	10	12	10	H7	h8	10.108	10.04	0.13	0.04	3
1012CLI03	10	12	12	H7	h8	10.108	10.04	0.13	0.04	4
1015CLI03	10	12	15	H7	h8	10.108	10.04	0.13	0.04	4
1020CLI03	10	12	20	H7	h8	10.108	10.04	0.13	0.04	4
1210CLI03	12	14	10	H7	h8	12.108	12.04	0.135	0.04	3
1212CLI03	12	14	12	H7	h8	12.108	12.04	0.135	0.04	4
1215CLI03	12	14	15	H7	h8	12.108	12.04	0.135	0.04	4
1220CLI03	12	14	20	H7	h8	12.108	12.04	0.135	0.04	4
1225CLI03	12	14	25	H7	h8	12.108	12.04	0.135	0.04	4
1415CLI03	14	16	15	H7	h8	14.108	14.04	0.135	0.04	4
1420CLI03	14	16	20	H7	h8	14.108	14.04	0.135	0.04	4
1425CLI03	14	16	25	H7	h8	14.108	14.04	0.135	0.04	4
1510CLI03	15	17	10	H7	h8	15.108	15.04	0.135	0.04	3
1512CLI03	15	17	12	H7	h8	15.108	15.04	0.135	0.04	4
1515CLI03	15	17	15	H7	h8	15.108	15.04	0.135	0.04	4
1525CLI03	15	17	25	H7	h8	15.108	15.04	0.135	0.04	4
1615CLI03	16	18	15	H7	h8	16.108	16.04	0.135	0.04	4
1620CLI03	16	18	20	H7	h8	16.108	16.04	0.135	0.04	4
1625CLI03	16	18	25	H7	h8	16.108	16.04	0.135	0.04	4
1815CLI03	18	20	15	H7	h8	18.111	18.04	0.138	0.04	4
1820CLI03	18	20	20	H7	h8	18.111	18.04	0.138	0.04	4
1825CLI03	18	20	25	H7	h8	18.111	18.04	0.138	0.04	4
2010CLI03	20	23	10	H7	h8	20.131	20.05	0.164	0.05	4
2015CLI03	20	23	15	H7	h8	20.131	20.05	0.164	0.05	4
2020CLI03	20	23	20	H7	h8	20.131	20.05	0.164	0.05	4
2025CLI03	20	23	25	H7	h8	20.131	20.05	0.164	0.05	4
2030CLI03	20	23	30	H7	h8	20.131	20.05	0.164	0.05	4
2215CLI03	22	25	15	H7	h8	22.131	22.05	0.164	0.05	6

Part No.	Di (mm)	Do (mm)	B (mm)	Housing	Shaft	Di,a max in H7 (mm)	Di,a min in H7 (mm)	Clearance max. (mm)	Clearance min. (mm)	Ø dL (mm)
2220CLI03	22	25	20	H7	h8	22.131	22.05	0.164	0.05	6
2230CLI03	22	25	30	H7	h8	22.131	22.05	0.164	0.05	6
2415CLI03	24	27	15	H7	h8	24.131	24.05	0.164	0.05	6
2420CLI03	24	27	20	H7	h8	24.131	24.05	0.164	0.05	6
2425CLI03	24	27	25	H7	h8	24.131	24.05	0.164	0.05	6
2430CLI03	24	27	30	H7	h8	24.131	24.05	0.164	0.05	6
2515CLI03	25	28	15	H7	h8	25.131	25.05	0.164	0.05	6
2520CLI03	25	28	20	H7	h8	25.131	25.05	0.164	0.05	6
2525CLI03	25	28	25	H7	h8	25.131	25.05	0.164	0.05	6
2530CLI03	25	28	30	H7	h8	25.131	25.05	0.164	0.05	6
283130CLI03	28	31	30	H7	h8	28.135	28.05	0.168	0.05	6
2820CLI03	28	32	20	H7	h8	28.155	28.06	0.188	0.06	6
2825CLI03	28	32	25	H7	h8	28.155	28.06	0.188	0.06	6
2830CLI03	28	32	30	H7	h8	28.155	28.06	0.188	0.06	6
3020CLI03	30	34	20	H7	h8	30.155	30.06	0.188	0.06	6
3030CLI03	30	34	30	H7	h8	30.155	30.06	0.188	0.06	6
3040CLI03	30	34	40	H7	h8	30.155	30.06	0.188	0.06	6
3220CLI03	32	36	20	H7	h8	32.155	32.06	0.194	0.06	6
3230CLI03	32	36	30	H7	h8	32.155	32.06	0.194	0.06	6
3235CLI03	32	36	35	H7	h8	32.155	32.06	0.194	0.06	6
3240CLI03	32	36	40	H7	h8	32.155	32.06	0.194	0.06	6
3520CLI03	35	39	20	H7	h8	35.155	35.06	0.194	0.06	6
3530CLI03	35	39	30	H7	h8	35.155	35.06	0.194	0.06	6
3535CLI03	35	39	35	H7	h8	35.155	35.06	0.194	0.06	6
3550CLI03	35	39	50	H7	h8	35.155	35.06	0.194	0.06	6
3635CLI03	36	40	35	H7	h8	36.155	36.06	0.194	0.06	6
3720CLI03	37	41	20	H7	h8	37.155	37.06	0.194	0.06	6
4020CLI03	40	44	20	H7	h8	40.155	40.06	0.194	0.06	8
4030CLI03	40	44	30	H7	h8	40.155	40.06	0.194	0.06	8
4040CLI03	40	44	40	H7	h8	40.155	40.06	0.194	0.06	8
4050CLI03	40	44	50	H7	h8	40.155	40.06	0.194	0.06	8
4520CLI03	45	50	20	H7	h8	45.195	45.08	0.234	0.08	8
4530CLI03	45	50	30	H7	h8	45.195	45.08	0.234	0.08	8
4540CLI03	45	50	40	H7	h8	45.195	45.08	0.234	0.08	8
4545CLI03	45	50	45	H7	h8	45.195	45.08	0.234	0.08	8
4550CLI03	45	50	50	H7	h8	45.195	45.08	0.234	0.08	8
5040CLI03	50	55	40	H7	h8	50.2	50.08	0.239	0.08	8
5045CLI03	50	55	45	H7	h8	50.2	50.08	0.239	0.08	8
5050CLI03	50	55	50	H7	h8	50.2	50.08	0.239	0.08	8
5060CLI03	50	55	60	H7	h8	50.2	50.08	0.239	0.08	8
5520CLI03	55	60	20	H7	h8	55.2	55.08	0.246	0.08	8
5525CLI03	55	60	25	H7	h8	55.2	55.08	0.246	0.08	8
5530CLI03	55	60	30	H7	h8	55.2	55.08	0.246	0.08	8
5540CLI03	55	60	40	H7	h8	55.2	55.08	0.246	0.08	8
5550CLI03	55	60	50	H7	h8	55.2	55.08	0.246	0.08	8

Part No.	Di (mm)	Do (mm)	B (mm)	Housing	Shaft	Di,a max in H7 (mm)	Di,a min in H7 (mm)	Clearance max. (mm)	Clearance min. (mm)	Ø dL (mm)
5560CLI03	55	60	60	H7	h8	55.2	55.08	0.246	0.08	8
6030CLI03	60	65	30	H7	h8	60.2	60.08	0.246	0.08	8
6060CLI03	60	65	60	H7	h8	60.2	60.08	0.246	0.08	8
6070CLI03	60	65	70	H7	h8	60.2	60.08	0.246	0.08	8
6540CLI03	65	70	40	H7	h8	65.262	65.1	0.308	0.1	8
6550CLI03	65	70	50	H7	h8	65.262	65.1	0.308	0.1	8
6560CLI03	65	70	60	H7	h8	65.262	65.1	0.308	0.1	8
6570CLI03	65	70	70	H7	h8	65.262	65.1	0.308	0.1	8
7040CLI03	70	75	40	H7	h8	70.262	70.1	0.308	0.1	8
7050CLI03	70	75	50	H7	h8	70.262	70.1	0.308	0.1	8
7060CLI03	70	75	60	H7	h8	70.262	70.1	0.308	0.1	8
7065CLI03	70	75	65	H7	h8	70.262	70.1	0.308	0.1	8
7070CLI03	70	75	70	H7	h8	70.262	70.1	0.308	0.1	8
7080CLI03	70	75	80	H7	h8	70.262	70.1	0.308	0.1	8
7540CLI03	75	80	40	H7	h8	75.262	75.1	0.308	0.1	9.5
7560CLI03	75	80	60	H7	h8	75.262	75.1	0.308	0.1	9.5
7580CLI03	75	80	80	H7	h8	75.262	75.1	0.308	0.1	9.5
8040CLI03	80	85	40	H7	h8	80.267	80.1	0.313	0.1	9.5
8050CLI03	80	85	50	H7	h8	80.267	80.1	0.313	0.1	9.5
8060CLI03	80	85	60	H7	h8	80.267	80.1	0.313	0.1	9.5
8080CLI03	80	85	80	H7	h8	80.267	80.1	0.313	0.1	9.5
80100CLI03	80	85	100	H7	h8	80.267	80.1	0.313	0.1	9.5
8530CLI03	85	90	30	H7	h8	85.267	85.1	0.321	0.1	9.5
8540CLI03	85	90	40	H7	h8	85.267	85.1	0.321	0.1	9.5
8560CLI03	85	90	60	H7	h8	85.267	85.1	0.321	0.1	9.5
8580CLI03	85	90	80	H7	h8	85.267	85.1	0.321	0.1	9.5
85100CLI03	85	90	100	H7	h8	85.267	85.1	0.321	0.1	9.5
9040CLI03	90	95	40	H7	h8	90.267	90.1	0.321	0.1	9.5
9060CLI03	90	95	60	H7	h8	90.267	90.1	0.321	0.1	9.5
9080CLI03	90	95	80	H7	h8	90.267	90.1	0.321	0.1	9.5
9090CLI03	90	95	90	H7	h8	90.267	90.1	0.321	0.1	9.5
90100CLI03	90	95	100	H7	h8	90.267	90.1	0.321	0.1	9.5
9560CLI03	95	100	60	H7	h8	95.267	95.1	0.321	0.1	9.5
95100CLI03	95	100	100	H7	h8	95.267	95.1	0.321	0.1	9.5
10050CLI03	100	105	50	H7	h8	100.267	100.1	0.321	0.1	9.5
10060CLI03	100	105	60	H7	h8	100.267	100.1	0.321	0.1	9.5
10080CLI03	100	105	80	H7	h8	100.267	100.1	0.321	0.1	9.5
10095CLI03	100	105	95	H7	h8	100.267	100.1	0.321	0.1	9.5
100115CLI03	100	105	115	H7	h8	100.267	100.1	0.321	0.1	9.5

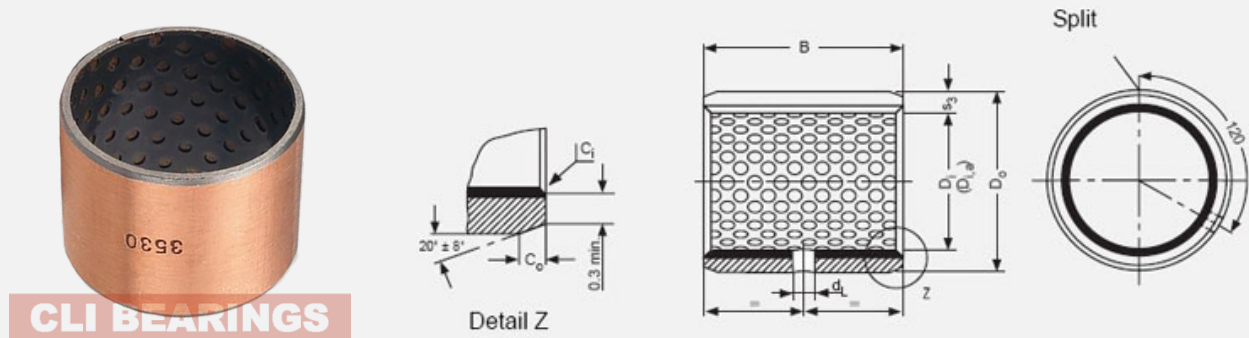


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Metal Polymer Dry Bearings

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CLI03 Cylindrical Bush – Inch Size



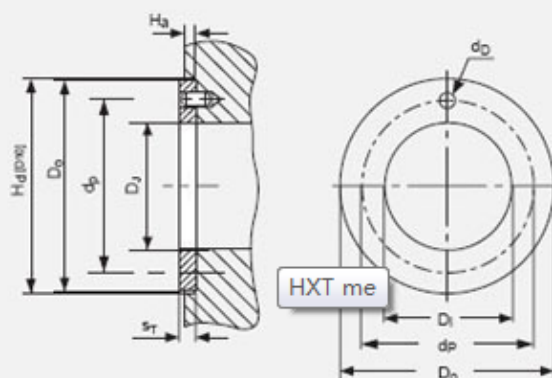
Part No.	Di [inch]	Do [inch]	B (inch)	DJ max. (inch)	DJ min. (inch)	DH max. (inch)	DH min. (inch)	Di,a max (inch)	Di,a min (inch)	Clearance max. (inch)	Clearance min. (inch)	Ø dL [inch]
008CLI03006	1/2	19/32	0.375	0.5	0.499	0.6352	0.6345	0.5038	0.5007	0.0017	0.0002	5/32
008CLI03008	1/2	19/32	0.5	0.5	0.499	0.6352	0.6345	0.5038	0.5007	0.0048	0.0002	5/32
010CLI03010	5/8	23/32	0.625	0.625	0.624	0.7604	0.7596	0.629	0.6258	0.005	0.0002	5/32
010CLI03012	5/8	23/32	0.75	0.625	0.624	0.7604	0.7596	0.629	0.6258	0.005	0.0002	5/32
012CLI03012	3/4	7/8	0.75	0.75	0.7488	0.8854	0.8846	0.754	0.7508	0.0052	0.0002	5/32
012CLI03016	3/4	7/8	1	0.75	0.7488	0.8854	0.8846	0.754	0.7508	0.0052	0.0002	5/32
014CLI03012	7/8	1	0.75	0.875	0.8738	1.0105	1.0097	0.8791	0.8759	0.0053	0.0002	5/32
014CLI03016	7/8	1	1	0.875	0.8738	1.0105	1.0097	0.8791	0.8759	0.0053	0.0002	5/32
016CLI03012	1	1 1/8	0.75	1	0.9988	1.1356	1.1348	1.0042	1.001	0.0054	0.0001	5/16
016CLI03016	1	1 1/8	1	1	0.9988	1.1356	1.1348	1.0042	1.001	0.0054	0.0001	5/16
018CLI03012	1 1/8	1 9/32	0.75	1.125	1.1238	1.1206	1.2598	1.1292	1.126	0.0054	0.0002	5/16
018CLI03016	1 1/8	1 9/32	1	1.125	1.1238	1.1206	1.2598	1.1292	1.126	0.0054	0.0002	5/16
020CLI03012	1 1/4	1 13/32	0.75	1.25	1.2484	1.417	1.416	1.255	1.2512	0.0066	0.0002	5/16
020CLI03016	1 1/4	1 13/32	1	1.25	1.2484	1.417	1.416	1.255	1.2512	0.0066	0.0002	5/16
022CLI03016	1 3/8	1 17/32	1	1.375	1.3734	1.542	1.541	1.38	1.3762	0.0066	0.0002	5/16
022CLI03024	1 3/8	1 17/32	1.5	1.375	1.3734	1.542	1.541	1.38	1.3762	0.0066	0.0002	5/16
024CLI03016	1 1/2	1 21/32	1	1.5	1.4984	1.667	1.666	1.505	1.5012	0.0066	0.0002	5/16
024CLI03024	1 1/2	1 21/32	1.5	1.5	1.4984	1.667	1.666	1.505	1.5012	0.0066	0.0002	5/16
024CLI03032	1 1/2	1 21/32	2	1.5	1.4984	1.667	1.666	1.505	1.5012	0.0066	0.0002	5/16
026CLI03016	1 5/8	1 25/32	1	1.625	1.6234	1.792	1.791	1.63	1.6262	0.0066	0.0002	5/16
026CLI03024	1 5/8	1 25/32	1.5	1.625	1.6234	1.792	1.791	1.63	1.6262	0.0066	0.0002	5/16
026CLI03032	1 5/8	1 25/32	2	1.625	1.6234	1.792	1.791	1.63	1.6262	0.0066	0.0002	5/16
028CLI03016	1 3/4	1 15/16	1	1.75	1.7484	1.9381	1.9371	1.7577	1.7515	0.0093	0.0002	5/16
028CLI03024	1 3/4	1 15/16	1.5	1.75	1.7484	1.9381	1.9371	1.7577	1.7515	0.0093	0.0002	5/16
028CLI03032	1 3/4	1 15/16	2	1.75	1.7484	1.9381	1.9371	1.7577	1.7515	0.0093	0.0002	5/16
030CLI03016	1 7/8	2 1/16	1	1.875	1.8734	2.0633	2.0621	1.8829	1.8765	0.0095	0.0002	5/16
030CLI03024	1 7/8	2 1/16	1.5	1.875	1.8734	2.0633	2.0621	1.8829	1.8765	0.0095	0.0002	5/16
030CLI03032	1 7/8	2 1/16	1.875	1.875	1.8734	2.0633	2.0621	1.8829	1.8765	0.0095	0.0002	5/16
030CLI03036	1 7/8	2 1/16	2.25	1.875	1.8734	2.0633	2.0621	1.8829	1.8765	0.0095	0.0002	5/16
032CLI03016	2	2 3/16	1	2	1.9982	2.1883	2.1871	2.0079	2.0015	0.0097	0.0002	5/16

Part No.	Di [inch]	Do [inch]	B (inch)	DJ max. (inch)	DJ min. (inch)	DH max. (inch)	DH min. (inch)	Di,a max (inch)	Di,a min (inch)	Clearance max. (inch)	Clearance min. (inch)	Ø dL [inch]
032CLI03024	2	2 3/16	1.5	2	1.9982	2.1883	2.1871	2.0079	2.0015	0.0097	0.0002	5/16
040CLI03024	2 1/2	2 11/16	1.5	2.5	2.4982	2.6883	2.6871	2.5079	2.5015	0.0097	0.0002	5/16
040CLI03032	2 1/2	2 11/16	2	2.5	2.4982	2.6883	2.6871	2.5079	2.5015	0.0097	0.0002	5/16
040CLI03040	2 1/2	2 11/16	2.5	2.5	2.4982	2.6883	2.6871	2.5079	2.5015	0.0097	0.0002	5/16
048CLI03024	3	3 3/16	1.5	3	2.9982	3.1889	3.1875	3.0085	3.0019	0.0103	0.0002	5/16
048CLI03032	3	3 3/16	2.5	3	2.9982	3.1889	3.1875	3.0085	3.0019	0.0103	0.0002	5/16
048CLI03040	3	3 3/16	2.5	3	2.9982	3.1889	3.1875	3.0085	3.0019	0.0103	0.0002	5/16
048CLI03048	3	3 3/16	3	3	2.9982	3.1889	3.1875	3.0085	3.0019	0.0103	0.0002	5/16

CLI03 Thrust Washer – Metric Size



CLI BEARINGS



Part No.	Di (mm)	Do (mm)	ST (mm)	dD (mm)	dP (mm)	Ha max. (mm)	Ha min. (mm)
WC08CLI03	10	20	1.58			1.2	0.95
WC10CLI03	12	24	1.58	1.75	18	1.2	0.95
WC12CLI03	14	26	1.58	2.25	20	1.2	0.95
WC14CLI03	16	30	1.58	2.25	22	1.2	0.95
WC16CLI03	18	32	1.58	2.25	25	1.2	0.95
WC18CLI03	20	36	1.58	3.25	28	1.2	0.95
WC20CLI03	22	38	1.58	3.25	30	1.2	0.95
WC22CLI03	24	42	1.58	3.25	33	1.2	0.95
WC24CLI03	26	44	1.58	3.25	35	1.2	0.95
WC25CLI03	28	48	1.58	4.25	38	1.2	0.95
WC30CLI03	32	54	1.58	4.25	43	1.2	0.95
WC35CLI03	38	62	1.58	4.25	50	1.2	0.95
WC40CLI03	42	66	1.58	4.25	54	1.2	0.95
WC45CLI03	48	74	2.6	4.25	61	1.7	1.45
WC50CLI03	52	78	2.6	4.25	65	1.7	1.45



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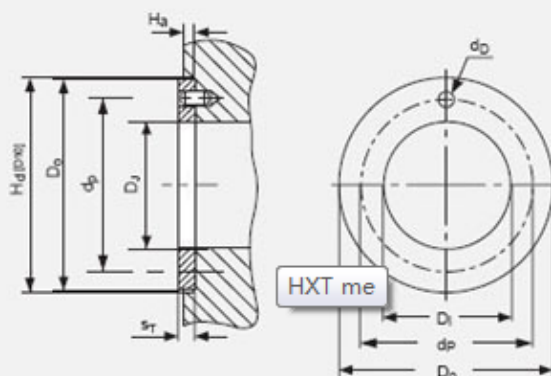
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CLI03 Thrust Washer – Inch Size



CLI BEARINGS

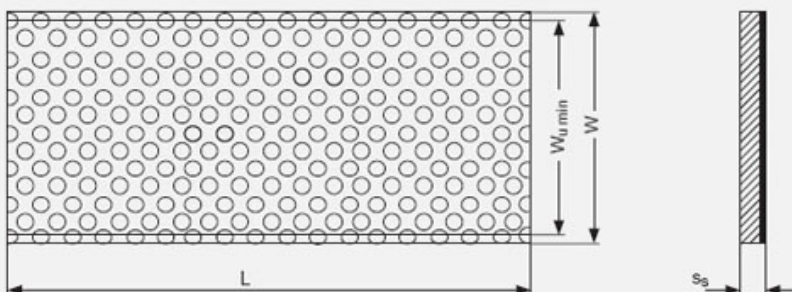


Part No.	Di (inch)	Do (inch)	ST (inch)	dD (inch)	dP (inch)	Ha max. (inch)	Ha min. (inch)
08CLI03	0.635	1.125	0.066	0.104	0.875	0.05	0.04
10CLI03	0.76	1.25	0.066	0.104	1	0.05	0.04
12CLI03	0.885	1.5	0.066	0.135	1.187	0.05	0.04
14CLI03	1.01	1.75	0.066	0.135	1.375	0.05	0.04
16CLI03	1.135	2	0.066	0.166	1.562	0.05	0.04
18CLI03	1.26	2.125	0.066	0.166	1.687	0.05	0.04
20CLI03	1.385	2.25	0.066	0.166	1.812	0.05	0.04
22CLI03	1.51	2.5	0.066	0.197	2	0.05	0.04
24CLI03	1.635	2.625	0.066	0.197	2.125	0.05	0.04
26CLI03	1.76	2.75	0.066	0.197	2.25	0.05	0.04
28CLI03	2.01	3	0.093	0.197	2.5	0.08	0.07
30CLI03	2.135	3.125	0.093	0.197	2.625	0.08	0.07
32CLI03	2.26	3.25	0.093	0.197	2.75	0.08	0.07

CLI03 Plate – Metric Size



CLI BEARINGS



Part No.	L (mm)	W (mm)	Wu (mm)	Ss (mm)
S10150CLI03	500	160	150	1.05
S15190CLI03	500	200	190	1.54
S20190CLI03	500	200	190	2.03
S25190CLI03	500	200	190	2.55



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