



Stainless Steel & Plastic Bearing Units
不锈钢和塑料带座外球面



Bearing Unit Stainless Steel Housing Series 不锈钢带座外球面轴承单元系列



Design Characteristic 设计特点

Guards against corrosion
防腐蚀

Maintains a clean operating environment
保持干净的操作环境

Chemical resistance
耐化学性

Extreme Strength & Toughness
高强度和韧性

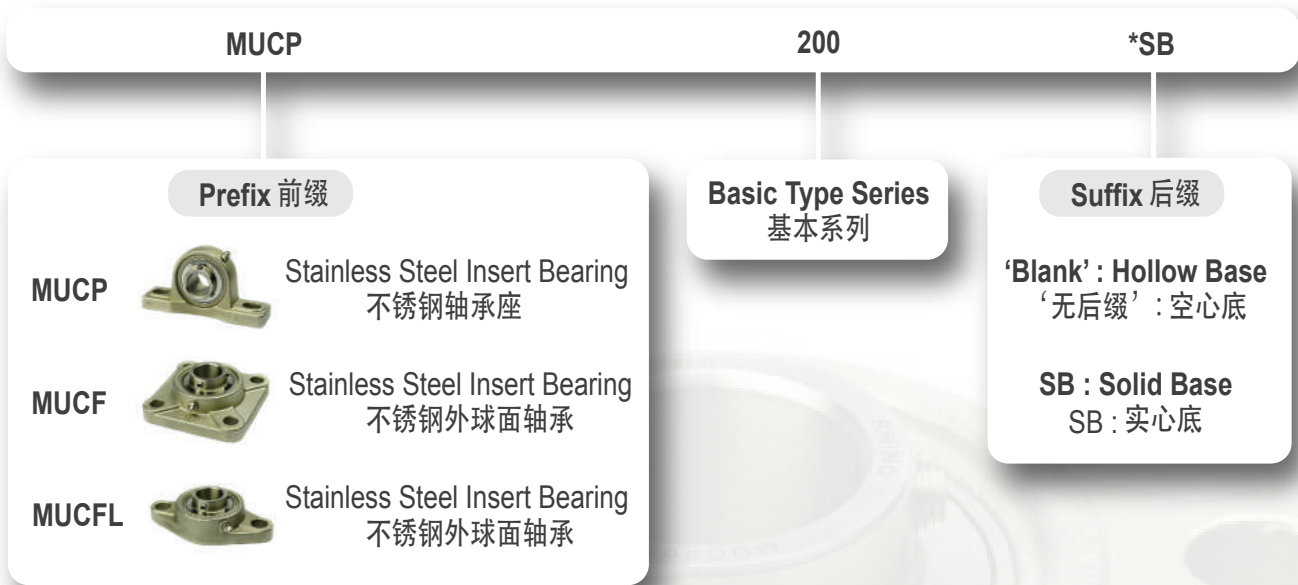


Bearing Unit Stainless Steel Housing Series

不锈钢带座外球面轴承单元系列

Designation Chart for Complete Set

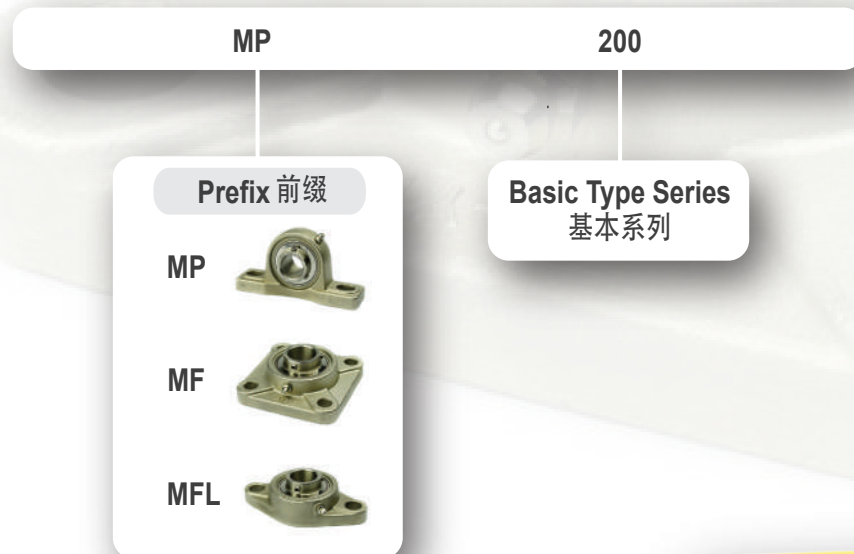
Prefix & Suffix 前缀与后缀



Designation Chart for Housing Series

轴承座系列

Prefix & Suffix 前缀与后缀



Material

材料

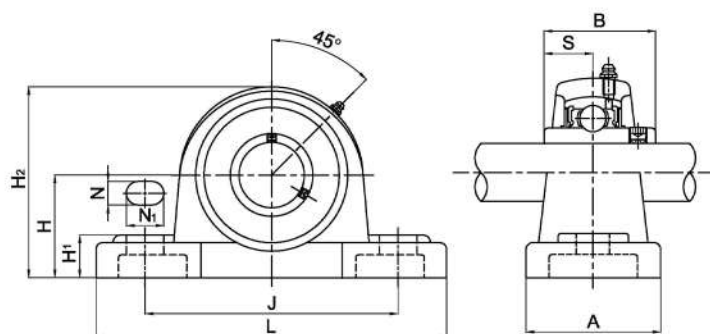
Insert bearing : Stainless Steel Grade SUS 440
外球面轴承 : 不锈钢牌号 SUS 440

Housing : Stainless Steel Grade SUS 304
轴承座 : 不锈钢牌号 SUS 304

*All stainless steel housing DO NOT come with solid base unless stated otherwise
*备注 : 除非另有说明, 不锈钢轴承座都不带有实心底设计

Stainless Steel Housing Pillow Block Unit : MUCP200 Series

不锈钢带座外球面轴承单元：MUCP200 系列



Shaft Diameter 轴径	Designation 型号	Dimension 外形尺寸 (mm)										Housing No. 轴承座 型号	Mass 重量
		H	L	J	A	N	N1	H1	H2	B	S		
mm inch													kg
20 19.05	MUCP204 MUCP204-012	33.3	125.5	95	37	13	19	15	64	31	12.7	MP204	0.60 0.63
25 22.225 23.8125 25.4	MUCP205 MUCP205-014 MUCP205-015 MUCP205-100	36.5	138.5	105	37.5	13	19	16	70.5	34.1	14.3	MP205	0.73 0.81 0.76 0.71
30 26.9875 28.575 30.1625 31.75	MUCP206 MUCP206-101 MUCP206-102 MUCP206-103 MUCP206-104	42.9	164	121	47	17	21	17	83	38.1	15.9	MP206	1.15 1.27 1.21 1.14 1.08
35 31.75 33.3375 34.925 36.5125	MUCP207 MUCP207-104 MUCP207-105 MUCP207-106 MUCP207-107	47.6	167	127	47.5	17	21	17.5	93	42.9	17.5	MP207	1.5 1.64 1.58 1.50 1.43
40 38.1 39.6875	MUCP208 MUCP208-108 MUCP208-109	49.2	183	137	53.5	17	21	18	99.5	49.2	19	MP208	1.85 1.94 1.87
45 41.275 42.8625 44.45	MUCP209 MUCP209-110 MUCP209-111 MUCP209-112	54	188	146	53.5	17	21	20	105.5	49.2	19	MP209	2.00 2.17 2.1 2.02
50 46.0375 47.625 49.2125 50.8	MUCP210 MUCP210-113 MUCP210-114 MUCP210-115 MUCP210-200	57.2	204	159	59.5	20	25	22	112.5	51.6	19	MP210	2.40 2.59 2.52 2.44 2.36
55 50.8 52.3875 53.975 55.563	MUCP211 MUCP211-200 MUCP211-201 MUCP211-202 MUCP211-203	63.5	217.5	171	59	20	25	23	125	55.6	22.2	MP211	3.00 3.23 3.15 3.06 2.97
60 57.15 58.7375 60.325 61.9125	MUCP212 MUCP212-204 MUCP212-205 MUCP212-206 MUCP212-207	69.8	239	184	69	20	25	25	136	65.1	25.4	MP212	4.00 4.19 4.09 3.98 3.87

Stainless Steel Housing Flanged Unit (4 Bolt - Square) : MUCF200 Series

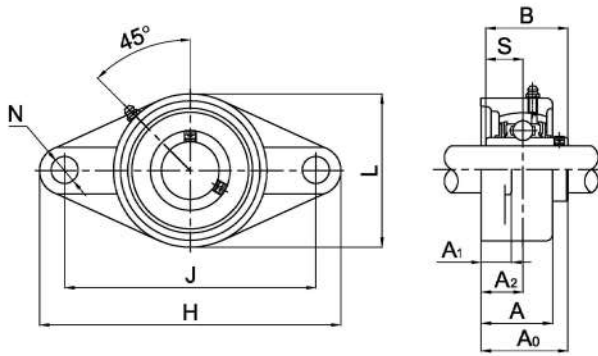
不锈钢法兰座外球面轴承单元 (4 螺栓孔 - 方形) : MUCF200 系列



Shaft Diameter 轴径	Designation 型号	Dimension 外形尺寸 (mm)									Housing No. 轴承座 型号	Mass 重量
		L	J	A2	A1	A	N	B	A0	S		
mm inch												kg
20 19.05	MUCF204 MUCF204-012	86	64	15	12	25.5	12	31	33.3	12.7	MF204	0.58 0.60
25 22.225 23.8125 25.4	MUCF205 MUCF205-014 MUCF205-015 MUCF205-100	95	70	16	14	27	12	34.1	35.8	14.3	MF205	0.76 0.84 0.80 0.75
30 26.9875 28.575 30.1625 31.75	MUCF206 MUCF206-101 MUCF206-102 MUCF206-103 MUCF206-104	108	83	18	14	31	12	38.1	40.2	15.9	MF206	1.00 1.10 1.05 0.99 0.94
35 31.75 33.3375 34.925 36.5125	MUCF207 MUCF207-104 MUCF207-105 MUCF207-106 MUCF207-107	116	92	19	15.5	34	14	42.9	44.4	17.5	MF207	1.30 1.42 1.37 1.30 1.24
40 38.1 39.6875	MUCF208 MUCF208-108 MUCF208-109	129	102	21	15.5	36	16	49.2	51.2	19	MF208	1.70 1.78 1.71
45 41.275 42.8625 44.45	MUCF209 MUCF209-110 MUCF209-111 MUCF209-112	136.5	105	22	17.5	38	16	49.2	52.2	19	MF209	2.10 2.27 2.21 2.13
50 46.0375 47.625 49.2125 50.8	MUCF210 MUCF210-113 MUCF210-114 MUCF210-115 MUCF210-200	142.5	111	22	17.5	40	16	51.6	54.6	19	MF210	2.20 2.37 2.31 2.23 2.16
55 50.8 52.3875 53.975 55.563	MUCF211 MUCP211-200 MUCP211-201 MUCP211-202 MUCP211-203	161.5	130	25	19.5	43	19	55.6	58.4	22.2	MF211	3.30 3.55 3.47 3.36 3.26
60 57.15 58.7375 60.325 61.9125	MUCF212 MUCP212-204 MUCP212-205 MUCP212-206 MUCP212-207	175	143	29	19.5	48	19	65.1	68.7	25.4	MF212	4.00 4.19 4.09 3.98 3.87

Stainless Steel Housing Flanged Unit (2 Bolt - Oval) : MUCFL200 Series

不锈钢法兰座外球面轴承单元 (2 螺栓孔 - 椭圆形) : MUCFL200 系列



Shaft Diameter 轴径	Designation 型号	Dimension 外形尺寸 (mm)										Housing No. 轴承座 型号	Mass 重量
		H	J	A2	L	A1	A	N	B	A0	S		
mm inch													kg
20 19.05	MUCFL204 MUCFL204-012	113	90	15	60.3	12	25.5	12	31	33.3	12.7	MFL204	0.44 0.46
25 22.225 23.8125 25.4	MUCFL205 MUCFL205-014 MUCFL205-015 MUCFL205-100	125	99	16	68	13.5	27	16	34.1	35.8	14.3	MFL205	0.58 0.64 0.61 0.57
30 26.9875 28.575 30.1625 31.75	MUCFL206 MUCFL206-101 MUCFL206-102 MUCFL206-103 MUCFL206-104	141	117	18	79	13.5	31	16	38.1	40.2	15.9	MFL206	0.80 0.88 0.84 0.80 0.75
35 31.75 33.3375 34.925 36.5125	MUCFL207 MUCFL207-104 MUCFL207-105 MUCFL207-106 MUCFL207-107	156	130	19	89	15.5	34	16	42.9	44.4	17.5	MFL207	1.16 1.27 1.22 1.16 1.11
40 38.1 39.6875	MUCFL208 MUCFL208-108 MUCFL208-109	172	144	21	99	15	36	16	49.2	51.2	19	MFL208	1.45 1.52 1.46
45 41.275 42.8625 44.45	MUCFL209 MUCFL209-110 MUCFL209-111 MUCFL209-112	179	148	22	107	14.3	38	19	49.2	52.2	19	MFL209	1.70 1.84 1.79 1.72
50 46.0375 47.625 49.2125 50.8	MUCFL210 MUCFL210-113 MUCFL210-114 MUCFL210-115 MUCFL210-200	189	157	22	114	15.5	38.5	19	51.6	54.6	19	MFL210	2.05 2.21 2.16 2.08 2.01
55 50.8 52.3875 53.975 55.563	MUCFL211 MUCFL211-200 MUCFL211-201 MUCFL211-202 MUCFL211-203	223	184	25	130	20	43	19	55.6	58.4	22.2	MFL211	2.70 2.91 2.84 2.75 2.67
60 57.15 58.7375 60.325 61.9125	MUCFL212 MUCFL212-204 MUCFL212-205 MUCFL212-206 MUCFL212-207	249	202	29	142	20.5	48	23	65.1	68.7	25.4	MFL212	3.60 3.77 3.68 3.58 3.48

Bearing Unit Plastic Housing Series 塑料带座外球面轴承单元系列



Design Characteristic 设计特点

Solid base design, easy to clean
实体设计，容易清洗

Water resistance
防水

Light weight
轻量级

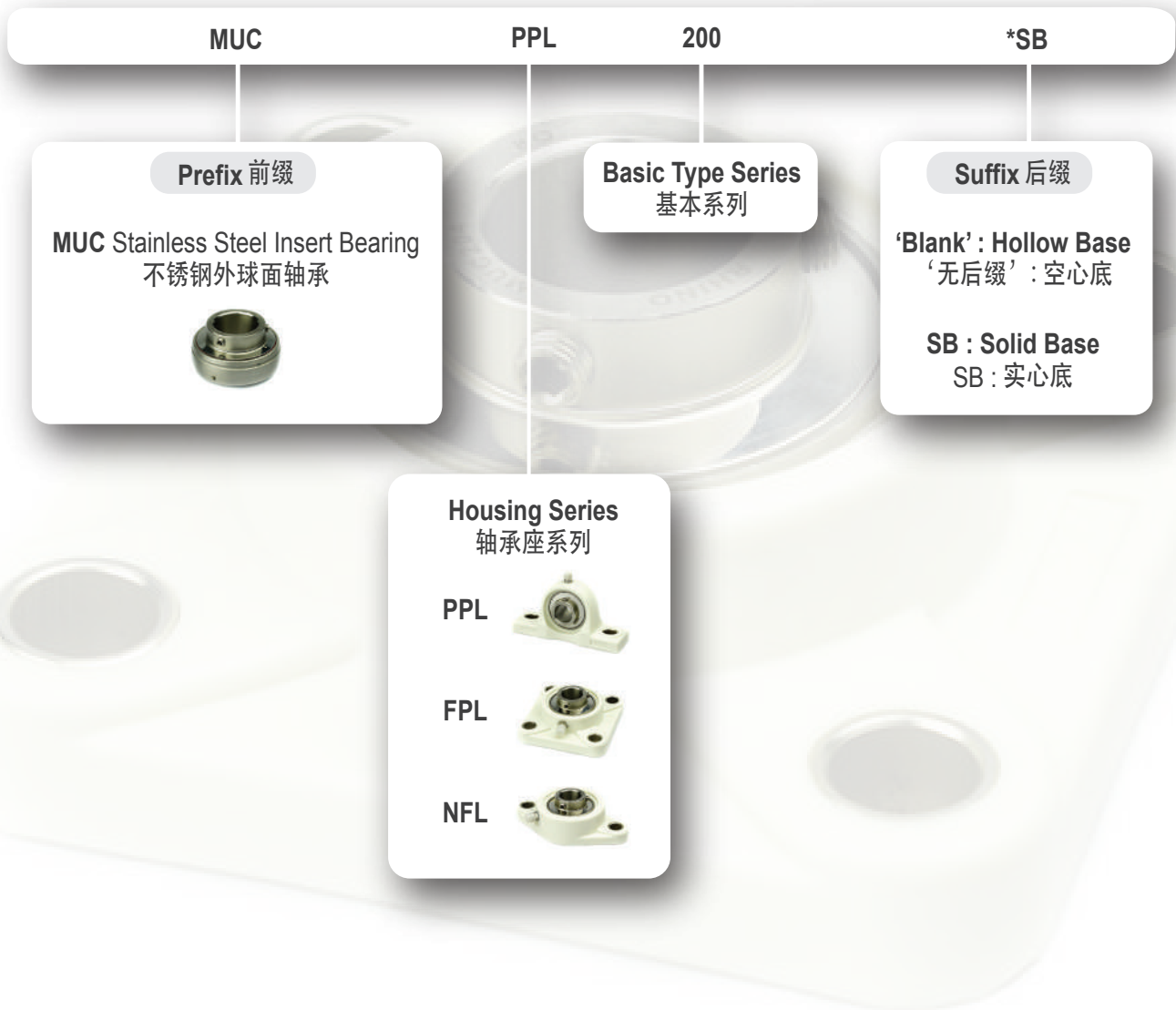


Bearing Unit Plastic Housing Series

塑料带座外球面轴承单元系列

Designation Chart

Prefix & Suffix 前缀与后缀



Material

材料

Insert bearing : Stainless Steel Grade SUS 440
 外球面轴承 : 不锈钢牌号 SUS 440

Housing : Polybutylene terephthalate (PBT)
 轴承座 : 工程塑料牌号 PBT

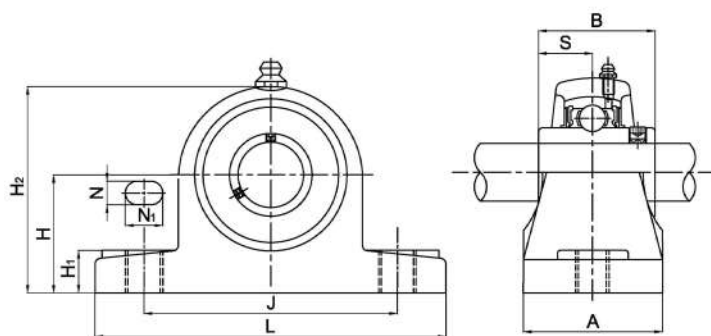
*All plastic housing series comes with Solid Base design unless stated otherwise
 *备注 : 除非另有说明, 塑料轴承座都带有实心底设计



NIS
 Fully Checked And Ready To Roll

Plastic Housing Pillow Block Unit : MUCPPL200 Series

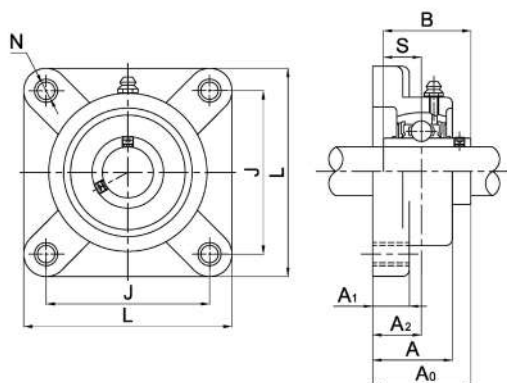
塑料带座外球面轴承单元：MUCP200 系列



Shaft Diameter 轴径	Designation 型号	Dimension 外形尺寸 (mm)										Housing No. 轴承座 型号	Mass 重量
		H	L	J	A	N	N1	H1	H2	B	S		
mm inch													kg
20 19.05	MUCPPL204SB MUCPPL204-012SB	33.3	127	95	37.5	11	14	14.5	65	31	12.7	PPL204SB	0.30 0.31
25 22.225 23.8125 25.4	MUCPPL205SB MUCPPL205-014SB MUCPPL205-015SB MUCPPL205-100SB	36.5	141	105	37.5	11	14	14.5	71.5	34.1	14.3	PPL205SB	0.37 0.41 0.38 0.36
30 26.9875 28.575 30.1625 31.75	MUCPPL206SB MUCPPL206-101SB MUCPPL206-102SB MUCPPL206-103SB MUCPPL206-104SB	42.9	164	119	46	14	18	17.8	83.5	38.1	15.9	PPL206SB	0.57 0.63 0.60 0.57 0.54
35 31.75 33.3375 34.925 36.5125	MUCPPL207SB MUCPPL207-104SB MUCPPL207-105SB MUCPPL207-106SB MUCPPL207-107SB	47.6	169	127	47.5	14	18	18	94.5	42.9	17.5	PPL207SB	0.77 0.84 0.80 0.77 0.73
40 38.1 39.6875	MUCPPL208SB MUCPPL208-108SB MUCPPL208-109SB	49.2	184	137	53.5	14	18	20	99	49.2	19	PPL208SB	0.97 1.01 0.97
45 41.275 42.8625 44.45	MUCPPL209SB MUCPPL209-110SB MUCPPL209-111SB MUCPPL209-112SB	54	192	146	53.5	17	20	22.5	106	49.2	19	PPL209SB	1.05 1.14 1.1 1.06
50 46.0375 47.625 49.2125 50.8	MUCPPL210SB MUCPPL210-113SB MUCPPL210-114SB MUCPPL210-115SB MUCPPL210-200SB	57.2	206	159	60	17	20	22.5	114	51.6	19	PPL210SB	1.21 1.31 1.27 1.23 1.19
55 50.8 52.3875 53.975 55.563	MUCPPL211SB MUCPPL211-200SB MUCPPL211-201SB MUCPPL211-202SB MUCPPL211-203SB	63.5	220	171	60	17	20	22.5	127	55.6	22.2	PPL211SB	1.55 1.67 1.62 1.58 1.53
60 57.15 58.7375 60.325 61.9125	MUCPPL212SB MUCPPL212-204SB MUCPPL212-205SB MUCPPL212-206SB MUCPPL212-207SB	69.8	241	184	70	17	20	26.5	138	65.1	25.4	PPL212SB	2.1 2.2 2.14 2.09 2.03

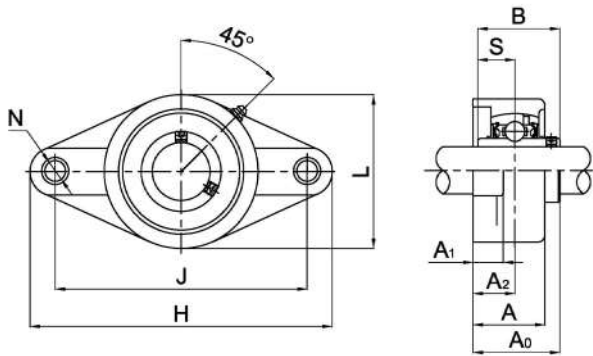
Plastic Housing Flanged Unit (4 Bolt - Square) : MUCFPL200 Series

塑料法兰座外球面轴承单元 (4 螺栓孔 - 方形) : MUCFPL200 系列



Shaft Diameter 轴径	Designation 型号	Dimension 外形尺寸 (mm)									Housing No. 轴承座 型号	Mass 重量
		L	J	A2	A1	A	N	B	A0	S		
mm inch												kg
20 19.05	MUCFPL204SB MUCFPL204-012SB	86	64	18	14	27.8	11	31	36.3	12.7	FPL204SB	0.30 0.31
25 22.225 23.8125 25.4	MUCFPL205SB MUCFPL205-014SB MUCFPL205-015SB MUCFPL205-100SB	95	70	17	14.5	28	11	34.1	36.8	14.3	FPL205SB	0.36 0.40 0.38 0.36
30 26.9875 28.575 30.1625 31.75	MUCFPL206SB MUCFPL206-101SB MUCFPL206-102SB MUCFPL206-103SB MUCFPL206-104SB	108	83	19.2	14.3	31.5	11	38.1	41.4	15.9	FPL206SB	0.52 0.57 0.55 0.52 0.49
35 31.75 33.3375 34.925 36.5125	MUCFPL207SB MUCFPL207-104SB MUCFPL207-105SB MUCFPL207-106SB MUCFPL207-107SB	116	92	21.5	16	34.8	13	42.9	46.9	17.5	FPL207SB	0.73 0.80 0.77 0.73 0.70
40 38.1 39.6875	MUCFPL208SB MUCFPL208-108SB MUCFPL208-109SB	129	102	23	17.5	36.5	14	49.2	53.2	19	FPL208SB	0.95 0.99 0.96
45 41.275 42.8625 44.45	MUCFPL209SB MUCFPL209-110SB MUCFPL209-111SB MUCFPL209-112SB	136.5	105	24	19.5	41	17	49.2	54.2	19	FPL209SB	1.00 1.08 1.05 1.01
50 46.0375 47.625 49.2125 50.8	MUCFPL210SB MUCFPL210-113SB MUCFPL210-114SB MUCFPL210-115SB MUCFPL210-200SB	142.5	111	25	20	42	17	51.6	57.6	19	FPL210SB	1.05 1.13 1.10 1.07 1.03
55 50.8 52.3875 53.975 55.563	MUCFPL211 MUCFPL211-200SB MUCFPL211-201SB MUCFPL211-202SB MUCFPL211-203SB	161.5	130	25	20	42	19	55.6	58.4	22.2	FPL211SB	1.08 1.16 1.14 1.1 1.07
60 57.15 58.7375 60.325 61.9125	MUCFPL212SB MUCFPL212-204SB MUCFPL212-205SB MUCFPL212-206SB MUCFPL212-207SB	175	143	29	18.5	48	19	65.1	68.7	25.4	FPL212SB	2.00 2.10 2.04 1.99 1.93

Plastic Housing Flanged Unit (2 Bolt - Oval) : MUCNFL200 Series
塑料法兰座外球面轴承单元 (2 螺栓孔 - 椭圆形) : MUCNFL200 系列



Shaft Diameter 轴径	Designation 型号	Dimension 外形尺寸 (mm)										Housing No. 轴承座 型号	Mass 重量
		H	J	A2	L	A1	A	N	B	A0	S		
mm inch													kg
20 19.05	MUCNFL204SB MUCNFL204-012SB	113	90	15.4	64	12	26.5	11	31	33.7	12.7	NFL204SB	0.25 0.26
25 22.225 23.8125 25.4	MUCNFL205SB MUCNFL205-014SB MUCNFL205-015SB MUCNFL205-100SB	131	99	17	69.5	14	29.5	11	34.1	36.8	14.3	NFL205SB	0.31 0.34 0.33 0.31
30 26.9875 28.575 30.1625 31.75	MUCNFL206SB MUCNFL206-101SB MUCNFL206-102SB MUCNFL206-103SB MUCNFL206-104SB	148	117	19	79	14	30.5	11	38.1	41.2	15.9	NFL206SB	0.45 0.50 0.47 0.45 0.42
35 31.75 33.3375 34.925 36.5125	MUCNFL207SB MUCNFL207-104SB MUCNFL207-105SB MUCNFL207-106SB MUCNFL207-107SB	164	130	18	90	16	32.8	13	42.9	43.4	17.5	NFL207SB	0.63 0.69 0.67 0.64 0.60
40 38.1 39.6875	MUCNFL208SB MUCNFL208-108SB MUCNFL208-109SB	175	144	21.5	99	20	37.5	14	49.2	51.7	19	NFL208SB	0.85 0.89 0.85
45 41.275 42.8625 44.45	MUCNFL209SB MUCNFL209-110SB MUCNFL209-111SB MUCNFL209-112SB	189	148	24	107	21	41	17	49.2	54.2	19	NFL209SB	0.98 1.06 1.03 0.99
50 46.0375 47.625 49.2125 50.8	MUCNFL210SB MUCNFL210-113SB MUCNFL210-114SB MUCNFL210-115SB MUCNFL210-200SB	198	157	25	115	21	43	17	51.6	57.6	19	NFL210SB	1.07 1.15 1.12 1.08 1.05
55 50.8 52.3875 53.975 55.563	MUCNFL211SB MUCNFL211-200SB MUCNFL211-201SB MUCNFL211-202SB MUCNFL211-203SB	225	184	25	130	19	43	19	55.6	58.4	22.2	NFL211SB	1.4 1.51 1.47 1.43 1.38
60 57.15 58.7375 60.325 61.9125	MUCNFL212SB MUCNFL212-204SB MUCNFL212-205SB MUCNFL212-206SB MUCNFL212-207SB	250	202	29	141	23	45	19	65.1	68.7	25.4	NFL212SB	1.95 2.04 1.99 1.94 1.88

Insert Bearing 外球面轴承

Designation Chart

Prefix 前缀

MUC

200

Prefix 前缀

MUC Stainless Steel Insert Bearing
不锈钢外球面轴承



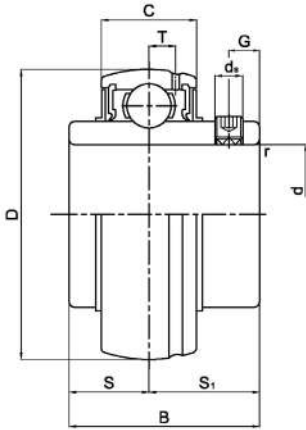
Basic Type Series
基本系列

Material 材料

Insert bearing : Stainless Steel Grade SUS 440
外球面轴承 : 不锈钢牌号 SUS 440



Insert Bearing MUC200
不锈钢外球面轴承



Shaft Diameter 轴径	Designation 型号	Dimension 外形尺寸 (mm)										Basic Load Rating (kN)		Mass 重量
		D	B	C	r _{min}	S	S ₁	G	2-ds 120°	T		Dynamic, Cr 动	Static, Cor 静	
mm inch														kg
20 19.05	MUC204 MUC204-012	47	31	17	1	12.7	18.3	4.7	M6*0.75 1/4-28	4		10.37	5.08	0.15 0.16
25 22.225 23.8125 25.4	MUC205 MUC205-014 MUC205-015 MUC205-100	52	34.1	17	1.5	14.3	19.8	5	M6*0.75 1/4-28	4.2		11.31	6	0.19 0.21 0.20 0.19
30 26.9875 28.575 30.1625 31.75	MUC206 MUC206-101 MUC206-102 MUC206-103 MUC206-104	62	38.1	19	1.5	15.9	22.2	5	M6*0.75 1/4-28	5		15.81	8.64	0.30 0.33 0.31 0.30 0.28
35 31.75 33.3375 34.925 36.5125	MUC207 MUC207-104 MUC207-105 MUC207-106 MUC207-107	72	42.9	20	2	17.5	25.4	6	M8*1.0 5/16-24	5.7		20.83	11.68	0.45 0.49 0.47 0.45 0.43
40 38.1 39.6875	MUC208 MUC208-108 MUC208-109	80	49.2	21	2	19	30.2	8	M8*1.0 5/16-24	6.3		23.55	13.6	0.60 0.63 0.60
45 41.275 42.8625 44.45	MUC209 MUC209-110 MUC209-111 MUC209-112	85	49.2	22	2	19	30.2	8	M8*1.0 5/16-24	6.3		26.35	15.6	0.68 0.73 0.71 0.68
50 46.0375 47.625 49.2125 50.8	MUC210 MUC210-113 MUC210-114 MUC210-115 MUC210-200	90	51.6	24	2	19	32.6	10	M10*1.25 3/8-24	6.6		28.48	18	0.73 0.78 0.76 0.74 0.71
55 50.8 52.3875 53.975 55.563	MUC211 MUC211-200 MUC211-201 MUC211-202 MUC211-203	100	55.6	25	2.5	22.2	33.4	10	M10*1.25 3/8-24	7		35.28	22.4	1.03 1.11 1.08 1.05 1.02
60 57.15 58.7375 60.325 61.9125	MUC212 MUC212-204 MUC212-205 MUC212-206 MUC212-207	110	65.1	27	2.5	25.4	39.7	10	M10*1.25 3/8-24	7.6		42.5	26.34	1.40 1.47 1.43 1.39 1.36

End Cover 端盖

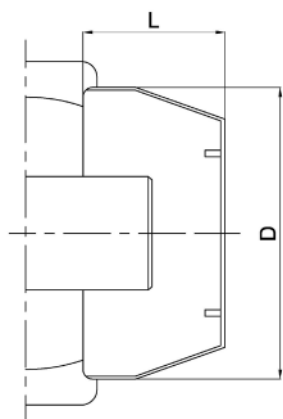
Designation Chart

Prefix 前缀

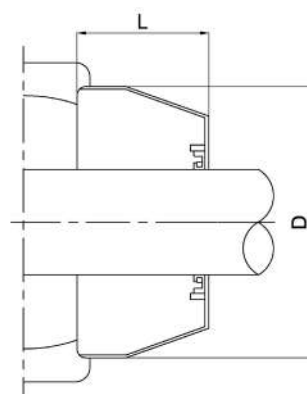


Material 材料

End Cover : Polybutylene terephthalate (PBT)
端盖 : 工程塑料牌号 PBT



CE: Closed End 闭式



OE: Opened End 开式

Cover No. 盖号	Dimension 外形尺寸 (mm)			Mass 重量
	d	D	L	
				kg
EC204CE EC204OE	- 20	50	23	0.02
EC205CE EC205OE	- 25	55	25	0.03
EC206CE EC206OE	- 30	64	30	0.03
EC207CE EC207OE	- 35	74.5	32	0.04
EC208CE EC208OE	- 40	84	37	0.05
EC209CE EC209OE	- 45	89	41	0.06
EC210CE EC210OE	- 50	94	47	0.08
EC211CE EC211OE	- 55	104	56	0.11
EC212CE EC212OE	- 60	114	60	0.11



Website: www.nisbearings.com
Contact: enquiry@nisbearings.com



DISCLAIMER

The detailed listings and information within this catalogue have been researched and compiled from reliable sources, and are knowingly correct to the best of our knowledge.

NIS[™] does not accept any liability or responsibility for errors or omissions or damage resulting from use of any information contained in this catalogues