ASAHI

Cat. No.BE04-13

ISO 9001
ISO 14001
JQA-1973
JQA-EM4783

Stainless Steel
Insert Ball Bearing Units

- MUCP200V,Y
- MUCF200V,Y
- MUCFL200V,Y
- MUCT200V,Y
- MUCPA200V,Y
- MUCFC200V,Y



ASAHI SEIKO CO., LTD.

Stainless Steel Insert Ball Bearing Units

ASAHI stainless steel ball bearing units provide the excellent corrosion resistance as well as self-alignment; all stainless steel insert bearings incorporated with stainless cast steel housings.
The insert bearing is lubricated with NSF H-1 food grade grease as standard, and also available with heat-resistant lubricant for the stable performance at high temperature.
The housing is renewed with beautiful surface and solid base suitable for the hygienically clean environment by the lost wax casting process.
This series can be also served with stainless steel covers on request for steady protection against dusty conditions.

Feature 1 Excellent corrosion resistance

Both insert bearing and housing are made of stainless steel and suitable for various harsh environments.

Feature 2 Best for food processing machines

Insert bearing MUC200V type conforms to the RoHS Directive and is lubricated with NSF H-1 food grade grease as standard.

Feature 3 Dimensionally interchangeable with the ordinary JIS types

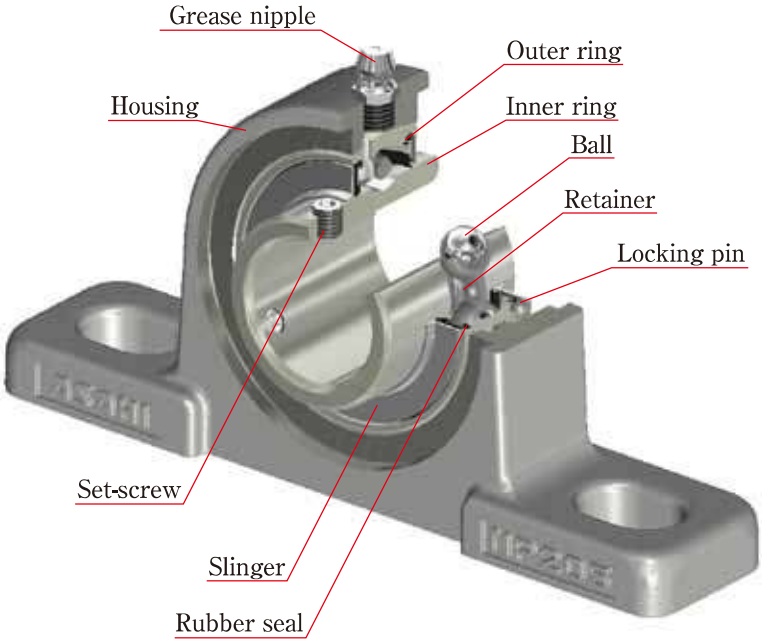
Insert bearing MUC type is interchangeable with UC type.

Feature 4 Good looking housing with solid base

Housing characterized by smooth surface and solid base is ideal for creating and maintaining the hygienically clean environment.

Feature 5 Stainless steel covers are available

For harsh condition, stainless steel covers are available on request.





Unit with open covers



Unit with open and closed covers

MATERIAL

Parts		Material	
Bearing	Inner & outer rings	Stainless steel	SUS440C (equiv.)
	Locking pin	Stainless steel	SUS440C
	Balls	Stainless steel	SUS440C
	Slinger	Stainless steel	SUS304
	Retainer	Stainless steel	SUS304
	Rubber seal	Nitrile／Silicon	
	Set-screw	Stainless steel	SUS410
Housing		Stainless cast steel	SCS13
Cover		Cold rolled stainless steel	SUS304
Grease nipple		Stainless steel	SUS303

NOMENCLATURE

MUC P 2 04 V N ,Y

- ,Y — Housing cast by lost-wax process
- N — Housing with cover groove
- V — With stainless steel retainer & pre-lubricated food grade lubricant
- 04 — Inside diameter number (20mm bore)
- 2 — Outside diameter number (bearing O.D. series "2")
- P — Housing type symbol (MP, Stainless cast steel pillow block)
- MUC — Bearing type symbol, Stainless steel insert ball bearing (wide)

RANGE OF OPERATING TEMPERATURE

Bearing	Rubber seal	Lubricant	Operating temperature
MUC200V	Nitrile (NBR)	Clarion® Food Machinery HT EP Grease, No. 2 *	-10 ~ +120℃
MUC200V-C4HR20	Silicon	Clarion® Food Machinery HT EP Grease, No. 2 *	-10 ~ +150℃
MUC200V-CR2A	Silicon	Aero Shell 7 **	-40 ~ +100℃

* Clarion® Food Machinery HT EP # 2 Grease is food grade lubricant produced by CITGO Petroleum Corporation and approved as NSF (National Sanitation Foundation) H-1 grade. However, please handle it with care so that the grease does not come into contact with food.

** Aero Shell 7 grease is not food grade lubricant.

Add suffix "C4HR20" for heat-resistant stainless steel bearing lubricated with food grade grease.
Add suffix "CR2A" for cold-resistant stainless steel bearing.

CORROSION RESISTANCE

◎: Excellent - No effect ○: Good - Minor effect △: Fair - Moderate effect ×: Not recommended - Severe effect

Series	Material		Chemicals									
			Distilled water	Sewage	Seawater	Hydrochloric acid	Nitric acid	Sulfuric acid	Sodium hydroxide	Calcium hydroxide	Hydrogen peroxide	Methyl alcohol
MUCP	Stainless steel	SUS440C (equiv.)	◎	○	△	×	×	×	○	○	○	○
	Stainless steel	SUS304	◎	◎	◎	○	○	○	◎	◎	○	◎
	Stainless cast steel	SCS13	◎	◎	◎	○	○	○	◎	◎	○	◎
UCP	High carbon chromium bearing steel	SUJ2	○	△	×	×	×	×	×	×	×	×
	Gray cast iron	FC200	○	△	×	×	×	×	×	×	×	×

Note: Applicable conditions of the above-mentioned chemicals (approx. 10% solution) do not mean "fully dipped-in" operation, but splashing each chemical solution over the bearing units.

RECOMMENDED TIGHTENING TORQUE FOR SET-SCREWS

Bearing No.	Hex key size	Recommended tightening torque (N·m)
MUC201V	2.5	2.4
MUC202V		
MUC203V		
MUC204V		
MUC205V		
MUC206V		
MUC207V	3	3.9
MUC208V		
MUC209V		
MUC210V	4	8.3
MUC211V		
MUC212V	5	16.2
MUC213V		

ALLOWABLE SPEED

Allowable dn value for MUC200V type is 100,000

dn = bore diameter ***d*** (mm) x operating speed ***n*** (rpm)

TOLERANCES

(1) TOLERANCES OF BEARINGS

Unit :μm

Inner ring								Outer ring				
Nominal bore dia. (mm)		Deviation of mean bore dia. in plane of inner ring (Δdmp)		Variation of bore dia. in plane of inner ring Vdp	Deviation of width ΔBs (reference)		Radial runout of inner ring Kia (reference)	Nominal outside dia. (mm)		Deviation of mean outside dia. (ΔDm)		Radial runout of outer ring Kea (reference)
Over	Incl.	High	Low		High	Low	Max.	Over	Incl.	High	Low	Max.
10	18	+15	0	10	0	−120	15	30	50	0	−11	20
18	30	+18	0	12	0	−120	18	50	80	0	−13	25
30	50	+21	0	14	0	−120	20	80	120	0	−15	35
50	80	+24	0	16	0	−150	25					

(2) TOLERANCES OF HOUSINGS

Unit :μm

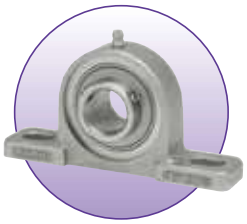
Housing No.	Pillow type	Flange type			Take-Up type				
MP, MPA MF, MFL MFC MT	Deviation of distance from mounting face to centre of spherical seat		Positional tolerance of bolt hole X	Deviation of spigot joit outside diameter $\Delta H3s$		Deviation of raceway groove width $\Delta A1s$		Deviation of distance between both groove bottoms		Symmetricity tolerance of both groove-side face X (Max.)
	ΔHs	$\Delta A2s$		High	Low	High	Low	$\Delta H1s$		
203 ~ 206	±150	±500	700	0	−46	+200	0	0	−500	500
207 ~ 210				0	−54					
211 ~ 213	±200	±800	1000	0	−63	–	–	–	–	–

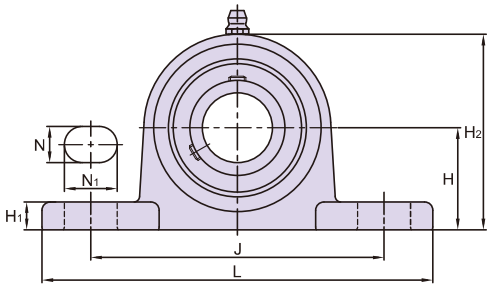
SHAFT TOLERANCES

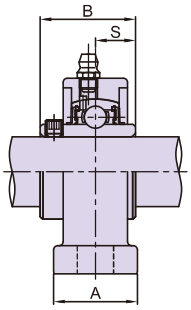
Recommended shaft tolerances are shown in the table below and the shaft must be straight without burrs.

Shaft dia. (mm)		Recommended shaft tolerances (μm)		
Over	Incl.	js7	h7	h8
10	18	± 9	0 ~ −18	0 ~ −27
18	30	±10.5	0 ~ −21	0 ~ −33
30	50	±12.5	0 ~ −25	0 ~ −39
50	80	±15	0 ~ −30	0 ~ −46

Pillow Block Units
MUCP200V,Y





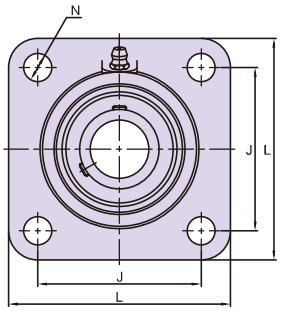


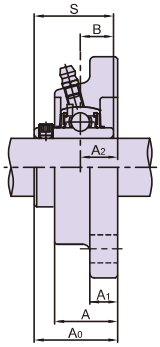
Shaft dia. (mm)	Unit No.	Dimensions (mm)												Bolt Size
		H	L	A	J	N	N_1	H_1	H_2	B	S	A_4	A_6	
12	**MUCP201V,Y**	30.2	127	30	95	13	19	11	61	31	12.7	56	8	M10
15	**MUCP202V,Y**	30.2	127	30	95	13	19	11	61	31	12.7	56	8	M10
17	**MUCP203V,Y**	30.2	127	30	95	13	19	11	61	31	12.7	56	8	M10
20	**MUCP204V,Y**	33.3	127	30	95	13	19	11	65	31	12.7	56	8	M10
25	**MUCP205V,Y**	36.5	140	30	105	13	19	11	70	34.1	14.3	63	10	M10
30	**MUCP206V,Y**	42.9	165	36	121	17	21	10	83	38.1	15.9	65	9	M14
35	**MUCP207V,Y**	47.6	167	38	127	17	21	10	94	42.9	17.5	70	8	M14
40	**MUCP208V,Y**	49.2	184	40	137	17	22	10	100	49.2	19	82	10	M14
45	**MUCP209V,Y**	54	190	40	146	17	22	11	108	49.2	19	82	10	M14
50	**MUCP210V,Y**	57.2	206	45	159	20	25	11	114	51.6	19	87	9	M16
55	**MUCP211V,Y**	63.5	219	45	171	20	25	16	126	55.6	22.2	–	–	M16
60	**MUCP212V,Y**	69.8	241	50	184	20	25	19	138	65.1	25.4	–	–	M16
65	**MUCP213V,Y**	76.2	265	52	203	25	29	20	150	65.1	25.4	–	–	M20

Note : thread size of grease fitting is all 1/4-28UNF.

Four-Bolt Flange Units
MUCF200V,Y



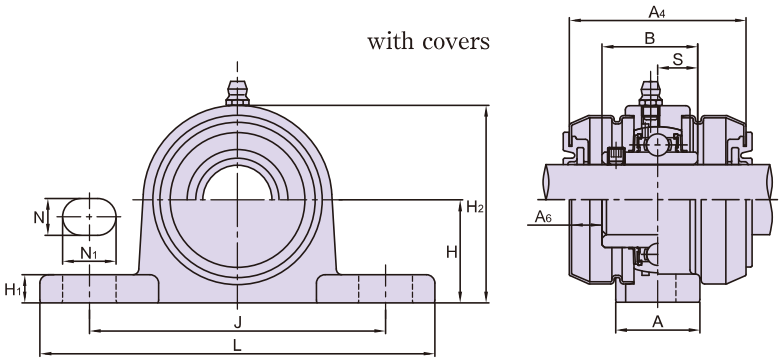




Shaft dia. (mm)	Unit No.	Dimensions (mm)											Bolt Size
		L	A	J	N	A_1	A_2	A_0	B	S	A_4	A_6	
12	**MUCF201V,Y**	86	25.5	64	12	11	15	33.3	31	12.7	43	8	M10
15	**MUCF202V,Y**	86	25.5	64	12	11	15	33.3	31	12.7	43	8	M10
17	**MUCF203V,Y**	86	25.5	64	12	11	15	33.3	31	12.7	43	8	M10
20	**MUCF204V,Y**	86	25.5	64	12	11	15	33.3	31	12.7	43	8	M10
25	**MUCF205V,Y**	95	27	70	12	12	16	35.8	34.1	14.3	47	9	M10
30	**MUCF206V,Y**	108	31	83	12	12.5	18	40.2	38.1	15.9	51	9	M10
35	**MUCF207V,Y**	117	34	92	14	10.5	19	44.4	42.9	17.5	54	8	M12
40	**MUCF208V,Y**	130	36	102	16	11	21	51.2	49.2	19	62	10	M14
45	**MUCF209V,Y**	137	38	105	16	13	22	52.2	49.2	19	63	10	M14
50	**MUCF210V,Y**	143	40	111	16	13	22	54.6	51.6	19	66	9	M14
55	**MUCF211V,Y**	162	43	130	19	16	25	58.4	55.6	22.2	–	–	M16
60	**MUCF212V,Y**	175	48	143	19	16.5	29	68.7	65.1	25.4	–	–	M16
65	**MUCF213V,Y**	187	50	149	19	16.5	30	69.7	65.1	25.4	–	–	M16

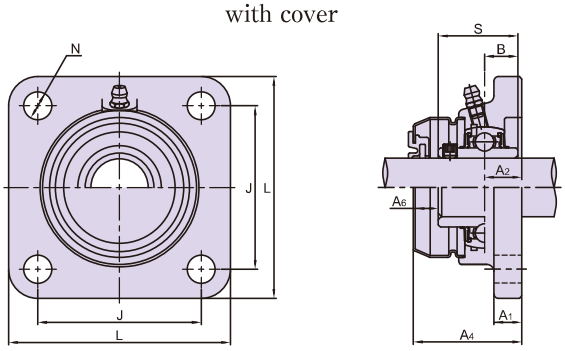
Note : thread size of grease fitting is all 1/4-28UNF.

with covers



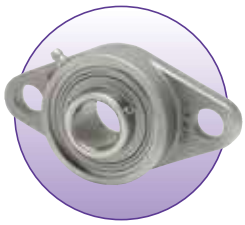
Bearing No.	Bearing Basic Load Rating (kN) Cr	Cor	Housing No. Standard	With groove for covers	Unit No. with Covers Open Cover	Closed Cover	Weight (kg) Standard	With Covers
MUC201V	10.9	5.3	**MP203,Y**	**MP203C,Y**	**MUCP201VC,Y**	**MUCP201VE,Y**	0.62	0.68
MUC202V	10.9	5.3	**MP203,Y**	**MP203C,Y**	**MUCP202VC,Y**	**MUCP202VE,Y**	0.6	0.66
MUC203V	10.9	5.3	**MP203,Y**	**MP203C,Y**	**MUCP203VC,Y**	**MUCP203VE,Y**	0.59	0.65
MUC204V	10.9	5.3	**MP204,Y**	**MP204C,Y**	**MUCP204VC,Y**	**MUCP204VE,Y**	0.62	0.68
MUC205V	11.9	6.3	**MP205,Y**	**MP205C,Y**	**MUCP205VC,Y**	**MUCP205VE,Y**	0.68	0.76
MUC206V	16.7	9	**MP206,Y**	**MP206C,Y**	**MUCP206VC,Y**	**MUCP206VE,Y**	1.09	1.17
MUC207V	22	12.3	**MP207,Y**	**MP207C,Y**	**MUCP207VC,Y**	**MUCP207VE,Y**	1.47	1.67
MUC208V	24.9	14.3	**MP208,Y**	**MP208C,Y**	**MUCP208VC,Y**	**MUCP208VE,Y**	1.77	1.97
MUC209V	28.1	16.4	**MP209,Y**	**MP209C,Y**	**MUCP209VC,Y**	**MUCP209VE,Y**	2.04	2.24
MUC210V	30.2	18.6	**MP210,Y**	**MP210C,Y**	**MUCP210VC,Y**	**MUCP210VE,Y**	2.34	2.54
MUC211V	36.6	23.5	**MP211,Y**	**MP211C,Y**	-	-	3.05	–
MUC212V	44.6	28.9	**MP212,Y**	**MP212C,Y**	-	-	4.23	–
MUC213V	48.9	32	**MP213,Y**	**MP213C,Y**	-	-	5.02	–

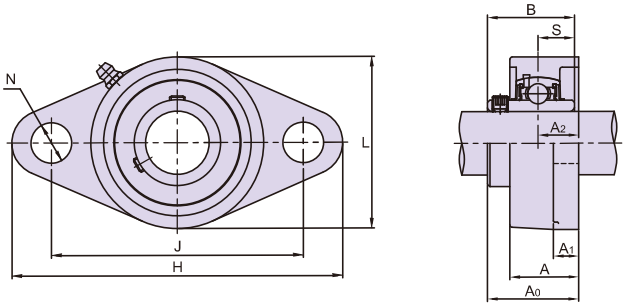
with cover



Bearing No.	Bearing Basic Load Rating (kN) Cr	Cor	Housing No. Standard	With groove for cover	Unit No. with Cover Open Cover	Closed Cover	Weight (kg) Standard	With Cover
MUC201V	10.9	5.3	**MF204,Y**	**MF204C,Y**	**MUCF201VC,Y**	**MUCF201VE,Y**	0.75	0.78
MUC202V	10.9	5.3	**MF204,Y**	**MF204C,Y**	**MUCF202VC,Y**	**MUCF202VE,Y**	0.73	0.76
MUC203V	10.9	5.3	**MF204,Y**	**MF204C,Y**	**MUCF203VC,Y**	**MUCF203VE,Y**	0.72	0.75
MUC204V	10.9	5.3	**MF204,Y**	**MF204C,Y**	**MUCF204VC,Y**	**MUCF204VE,Y**	0.7	0.73
MUC205V	11.9	6.3	**MF205,Y**	**MF205C,Y**	**MUCF205VC,Y**	**MUCF205VE,Y**	0.90	0.94
MUC206V	16.7	9	**MF206,Y**	**MF206C,Y**	**MUCF206VC,Y**	**MUCF206VE,Y**	1.27	1.31
MUC207V	22	12.3	**MF207,Y**	**MF207C,Y**	**MUCF207VC,Y**	**MUCF207VE,Y**	1.46	1.56
MUC208V	24.9	14.3	**MF208,Y**	**MF208C,Y**	**MUCF208VC,Y**	**MUCF208VE,Y**	1.93	2.03
MUC209V	28.1	16.4	**MF209,Y**	**MF209C,Y**	**MUCF209VC,Y**	**MUCF209VE,Y**	2.32	2.42
MUC210V	30.2	18.6	**MF210,Y**	**MF210C,Y**	**MUCF210VC,Y**	**MUCF210VE,Y**	2.63	2.73
MUC211V	36.6	23.5	**MF211,Y**	-	-	-	3.85	–
MUC212V	44.6	28.9	**MF212,Y**	-	-	-	4.97	–
MUC213V	48.9	32	**MF213,Y**	-	-	-	5.93	–

Two-Bolt Flange Units
MUCFL200V,Y



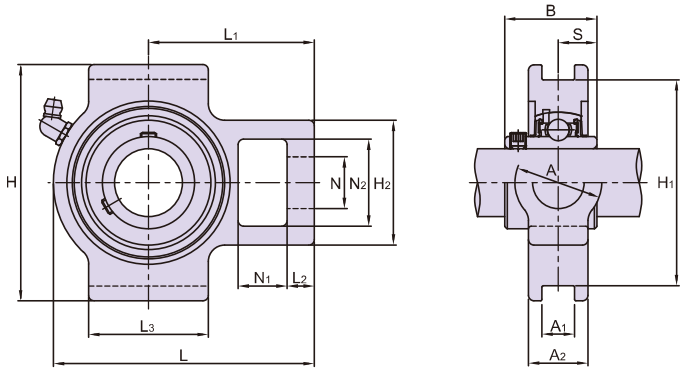


Shaft dia. (mm)	Unit No.	Dimensions (mm)												Bolt Size
		H	L	A	J	N	A_1	A_2	A_0	B	S	A_4	A_6	
12	**MUCFL201V,Y**	113	60	25.5	90	12	10	15	33.3	31	12.7	43	8	M10
15	**MUCFL202V,Y**	113	60	25.5	90	12	10	15	33.3	31	12.7	43	8	M10
17	**MUCFL203V,Y**	113	60	25.5	90	12	10	15	33.3	31	12.7	43	8	M10
20	**MUCFL204V,Y**	113	60	25.5	90	12	10	15	33.3	31	12.7	43	8	M10
25	**MUCFL205V,Y**	130	68	27	99	16	10	16	35.8	34.1	14.3	47	9	M14
30	**MUCFL206V,Y**	148	80	31	117	16	10	18	40.2	38.1	15.9	51	9	M14
35	**MUCFL207V,Y**	161	90	34	130	16	11	19	44.4	42.9	17.5	54	8	M14
40	**MUCFL208V,Y**	175	100	36	144	16	11	21	51.2	49.2	19	62	10	M14
45	**MUCFL209V,Y**	188	108	38	148	19	13	22	52.2	49.2	19	63	10	M14
50	**MUCFL210V,Y**	197	115	40	157	19	13	22	54.6	51.6	19	66	9	M16

Note : thread size of grease fitting is all 1/4-28UNF.

Take-Up Units
MUCT200V,Y

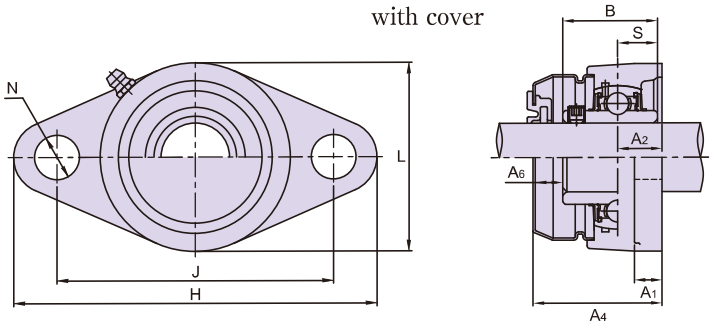




Shaft dia. (mm)	Unit No.	Dimensions (mm)																Bolt Size
		A	A_1	A_2	H	H_1	H_2	L	L_1	L_2	L_3	N	N_1	N_2	B	S	A_4	A_6	
12	**MUCT201V,Y**	32	12	21	87	76	46	92	60	10	44	19	18	32	31	12.7	56	8	M10
15	**MUCT202V,Y**	32	12	21	87	76	46	92	60	10	44	19	18	32	31	12.7	56	8	M10
17	**MUCT203V,Y**	32	12	21	87	76	46	92	60	10	44	19	18	32	31	12.7	56	8	M10
20	**MUCT204V,Y**	32	12	21	87	76	46	92	60	10	44	19	18	32	31	12.7	56	8	M10
25	**MUCT205V,Y**	32	12	22	87	76	46	96	61	10	44	19	18	32	34.1	14.3	61	9	M14
30	**MUCT206V,Y**	36.5	12	27	101	89	52	111	69	10	50	22	18	37	38.1	15.9	65	9	M14
35	**MUCT207V,Y**	37	12	30	101	89	58	127	77	13	56	22	18	37	42.9	17.5	70	8	M14
40	**MUCT208V,Y**	49	16	33	113	102	74	142	87	16	72	29	20	49	49.2	19	82	10	M14
45	**MUCT209V,Y**	49	16	34	116	102	74	143	87	16	72	29	20	49	49.2	19	82	10	M14
50	**MUCT210V,Y**	49	16	37	116	102	74	147	89	16	72	29	20	49	51.6	19	87	9	M16

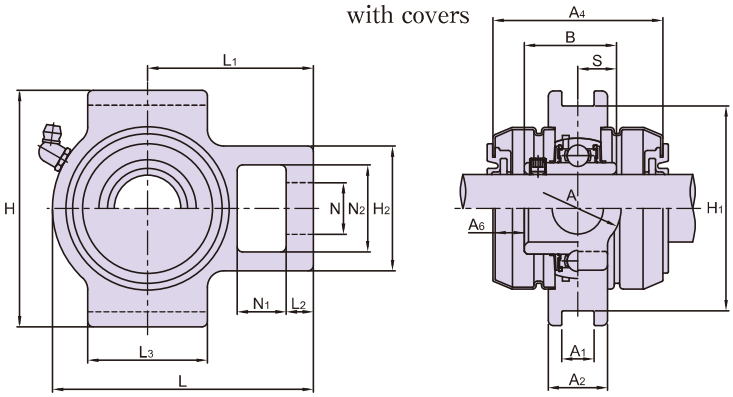
Note : thread size of grease fitting is all 1/4-28UNF.

with cover



Bearing No.	Bearing Basic Load Rating (kN) Cr	Bearing Basic Load Rating (kN) Cor	Housing No. Standard	Housing No. With groove for cover	Unit No. with Cover Open Cover	Unit No. with Cover Closed Cover	Weight (kg) Standard	Weight (kg) With Cover
MUC201V	10.9	5.3	**MFL204,Y**	**MFL204C,Y**	**MUCFL201VC,Y**	**MUCFL201VE,Y**	0.51	0.54
MUC202V	10.9	5.3	**MFL204,Y**	**MFL204C,Y**	**MUCFL202VC,Y**	**MUCFL202VE,Y**	0.49	0.52
MUC203V	10.9	5.3	**MFL204,Y**	**MFL204C,Y**	**MUCFL203VC,Y**	**MUCFL203VE,Y**	0.48	0.51
MUC204V	10.9	5.3	**MFL204,Y**	**MFL204C,Y**	**MUCFL204VC,Y**	**MUCFL204VE,Y**	0.46	0.49
MUC205V	11.9	6.3	**MFL205,Y**	**MFL205C,Y**	**MUCFL205VC,Y**	**MUCFL205VE,Y**	0.59	0.63
MUC206V	16.7	9	**MFL206,Y**	**MFL206C,Y**	**MUCFL206VC,Y**	**MUCFL206VE,Y**	0.91	0.95
MUC207V	22	12.3	**MFL207,Y**	**MFL207C,Y**	**MUCFL207VC,Y**	**MUCFL207VE,Y**	1.21	1.31
MUC208V	24.9	14.3	**MFL208,Y**	**MFL208C,Y**	**MUCFL208VC,Y**	**MUCFL208VE,Y**	1.59	1.69
MUC209V	28.1	16.4	**MFL209,Y**	**MFL209C,Y**	**MUCFL209VC,Y**	**MUCFL209VE,Y**	1.96	2.06
MUC210V	30.2	18.6	**MFL210,Y**	**MFL210C,Y**	**MUCFL210VC,Y**	**MUCFL210VE,Y**	2.31	2.41

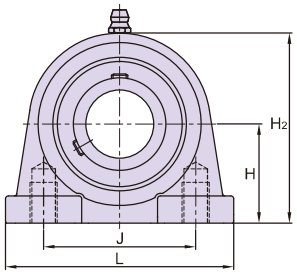
with covers



Bearing No.	Bearing Basic Load Rating (kN) Cr	Bearing Basic Load Rating (kN) Cor	Housing No. Standard	Housing No. With groove for covers	Unit No. with Covers Open Cover	Unit No. with Covers Closed Cover	Weight (kg) Standard	Weight (kg) With Covers
MUC201V	10.9	5.3	**MT204,Y**	**MT204C,Y**	**MUCT201VC,Y**	**MUCT201VE,Y**	0.74	0.80
MUC202V	10.9	5.3	**MT204,Y**	**MT204C,Y**	**MUCT202VC,Y**	**MUCT202VE,Y**	0.72	0.78
MUC203V	10.9	5.3	**MT204,Y**	**MT204C,Y**	**MUCT203VC,Y**	**MUCT203VE,Y**	0.71	0.77
MUC204V	10.9	5.3	**MT204,Y**	**MT204C,Y**	**MUCT204VC,Y**	**MUCT204VE,Y**	0.69	0.75
MUC205V	11.9	6.3	**MT205,Y**	**MT205C,Y**	**MUCT205VC,Y**	**MUCT205VE,Y**	0.72	0.8
MUC206V	16.7	9	**MT206,Y**	**MT206C,Y**	**MUCT206VC,Y**	**MUCT206VE,Y**	1.16	1.24
MUC207V	22	12.3	**MT207,Y**	**MT207C,Y**	**MUCT207VC,Y**	**MUCT207VE,Y**	1.54	1.74
MUC208V	24.9	14.3	**MT208,Y**	**MT208C,Y**	**MUCT208VC,Y**	**MUCT208VE,Y**	2.26	2.46
MUC209V	28.1	16.4	**MT209,Y**	**MT209C,Y**	**MUCT209VC,Y**	**MUCT209VE,Y**	2.21	2.41
MUC210V	30.2	18.6	**MT210,Y**	**MT210C,Y**	**MUCT210VC,Y**	**MUCT210VE,Y**	2.35	2.55

Tapped Base Pillow Block Units
MUCPA200V,Y



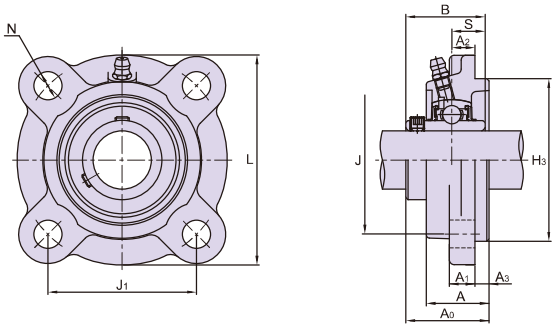


Shaft dia. (mm)	Unit No.	Dimensions (mm)										
		H	L	A	J	N	ℓ	H_2	B	S	A_4	A_6
12	**MUCPA201V,Y**	30.2	76	25.5	52	M10×1.5	12	60.9	31	12.7	55	8
15	**MUCPA202V,Y**	30.2	76	25.5	52	M10×1.5	12	60.9	31	12.7	55	8
17	**MUCPA203V,Y**	30.2	76	25.5	52	M10×1.5	12	60.9	31	12.7	55	8
20	**MUCPA204V,Y**	30.2	76	25.5	52	M10×1.5	12	60.9	31	12.7	55	8
25	**MUCPA205V,Y**	36.5	84	30	56	M10×1.5	15	70	34.1	14.3	63	10
30	**MUCPA206V,Y**	42.9	94	34	66	M14×2	18	82	38.1	15.9	65	9

Note : thread size of grease fitting is all 1/4-28UNF.

Flange Cartridge Units
MUCFC200V,Y





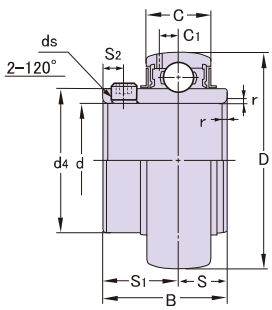
Shaft dia. (mm)	Unit No.	Dimensions (mm)													Bolt Size
		L	A	J	J_1	N	A_0	A_1	A_2	A_3	H_3	B	S	A_4	A_6	
12	**MUCFC201V,Y**	80	25.5	78	55.1	12	33.3	11	10	5	62	31	12.7	43	8	M10
15	**MUCFC202V,Y**	80	25.5	78	55.1	12	33.3	11	10	5	62	31	12.7	43	8	M10
17	**MUCFC203V,Y**	80	25.5	78	55.1	12	33.3	11	10	5	62	31	12.7	43	8	M10
20	**MUCFC204V,Y**	80	25.5	78	55.1	12	33.3	11	10	5	62	31	12.7	43	8	M10
25	**MUCFC205V,Y**	90	27	90	63.6	12	35.8	11	10	6	70	34.1	14.3	47	9	M10
30	**MUCFC206V,Y**	100	31	100	70.7	12	40.2	13	10	8	80	38.1	15.9	51	9	M10
35	**MUCFC207V,Y**	110	34	110	77.8	14	44.4	13.5	11	8	90	42.9	17.5	54	8	M12
40	**MUCFC208V,Y**	120	36	120	84.8	14	51.2	13.5	11	10	100	49.2	19	62	9	M12

Note : thread size of grease fitting is all 1/4-28UNF.

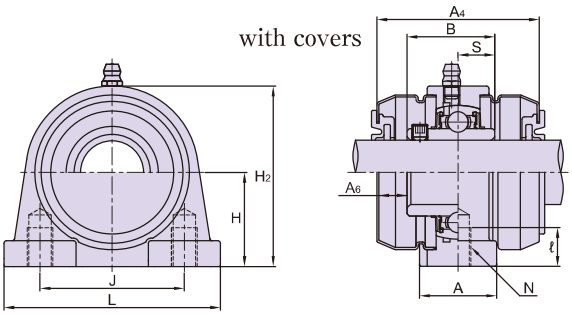
Insert Ball Bearings
MUC200V
MUC200V-C4HR20
MUC200V-CR2A



Shaft dia. (mm)	Unit No.	Dimensions (mm)											Basic Load Rating (kN)		Weight (kg)
		d	D	B	C	$r_{s\,min}$	S	S_1	S_2	ds	C_1	d_4	Cr	Cor	
12	**MUC201V**	12	47	31	17	0.6	12.7	18.3	5	M5×0.8	4.5	29	10.9	5.3	0.21
15	**MUC202V**	15	47	31	17	0.6	12.7	18.3	5	M5×0.8	4.5	29	10.9	5.3	0.19
17	**MUC203V**	17	47	31	17	0.6	12.7	18.3	5	M5×0.8	4.5	29	10.9	5.3	0.18
20	**MUC204V**	20	47	31	17	1	12.7	18.3	5	M5×0.8	4.5	29	10.9	5.3	0.16
25	**MUC205V**	25	52	34.1	17	1	14.3	19.8	5	M5×0.8	4.5	34	11.9	6.3	0.19
30	**MUC206V**	30	62	38.1	19	1	15.9	22.2	5	M5×0.8	5.1	40.5	16.7	9	0.31
35	**MUC207V**	35	72	42.9	20	1.5	17.5	25.4	7	M6×0.75	5.8	48	22	12.3	0.48
40	**MUC208V**	40	80	49.2	21	1.5	19	30.2	8	M6×0.75	6.2	53	24.9	14.3	0.62
45	**MUC209V**	45	85	49.2	22	1.5	19	30.2	8	M6×0.75	6.5	57.3	28.1	16.4	0.67
50	**MUC210V**	50	90	51.6	23	1.5	19	32.6	9	M8×1	6.5	63	30.2	18.6	0.78
55	**MUC211V**	55	100	55.6	24	2	22.2	33.4	9	M8×1	7.3	70	36.6	23.5	1.03
60	**MUC212V**	60	110	65.1	26	2	25.4	39.7	10	M10×1.25	7.7	77	44.6	28.9	1.45
65	**MUC213V**	65	120	65.1	27	2	25.4	39.7	10	M10×1.25	8.3	82.1	48.9	32	1.71

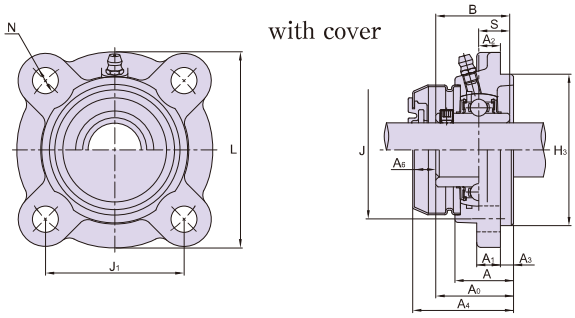


with covers



Bearing No.	Bearing Basic Load Rating (kN) Cr	Bearing Basic Load Rating (kN) Cor	Housing No. Standard	Housing No. With groove for covers	Unit No. with Covers Open Cover	Unit No. with Covers Closed Cover	Weight (kg) Standard	Weight (kg) With Covers
MUC201V	10.9	5.3	**MPA204,Y**	**MPA204C,Y**	**MUCPA201VC,Y**	**MUCPA201VE,Y**	0.49	0.55
MUC202V	10.9	5.3	**MPA204,Y**	**MPA204C,Y**	**MUCPA202VC,Y**	**MUCPA202VE,Y**	0.47	0.53
MUC203V	10.9	5.3	**MPA204,Y**	**MPA204C,Y**	**MUCPA203VC,Y**	**MUCPA203VE,Y**	0.46	0.52
MUC204V	10.9	5.3	**MPA204,Y**	**MPA204C,Y**	**MUCPA204VC,Y**	**MUCPA204VE,Y**	0.44	0.5
MUC205V	11.9	6.3	**MPA205,Y**	**MPA205C,Y**	**MUCPA205VC,Y**	**MUCPA205VE,Y**	0.63	0.71
MUC206V	16.7	9	**MPA206,Y**	**MPA206C,Y**	**MUCPA206VC,Y**	**MUCPA206VE,Y**	0.96	1.04

with cover



Bearing No.	Bearing Basic Load Rating (kN) Cr	Bearing Basic Load Rating (kN) Cor	Housing No. Standard	Housing No. With groove for cover	Unit No. with Cover Open Cover	Unit No. with Cover Closed Cover	Weight (kg) Standard	Weight (kg) With Cover
MUC201V	10.9	5.3	**MFC204,Y**	**MFC204C,Y**	**MUCFC201VC,Y**	**MUCFC201VE,Y**	0.56	0.59
MUC202V	10.9	5.3	**MFC204,Y**	**MFC204C,Y**	**MUCFC202VC,Y**	**MUCFC202VE,Y**	0.54	0.57
MUC203V	10.9	5.3	**MFC204,Y**	**MFC204C,Y**	**MUCFC203VC,Y**	**MUCFC203VE,Y**	0.53	0.56
MUC204V	10.9	5.3	**MFC204,Y**	**MFC204C,Y**	**MUCFC204VC,Y**	**MUCFC204VE,Y**	0.51	0.54
MUC205V	11.9	6.3	**MFC205,Y**	**MFC205C,Y**	**MUCFC205VC,Y**	**MUCFC205VE,Y**	0.66	0.7
MUC206V	16.7	9	**MFC206,Y**	**MFC206C,Y**	**MUCFC206VC,Y**	**MUCFC206VE,Y**	0.91	0.95
MUC207V	22	12.3	**MFC207,Y**	**MFC207C,Y**	**MUCFC207VC,Y**	**MUCFC207VE,Y**	1.19	1.29
MUC208V	24.9	14.3	**MFC208,Y**	**MFC208C,Y**	**MUCFC208VC,Y**	**MUCFC208VE,Y**	1.54	1.64

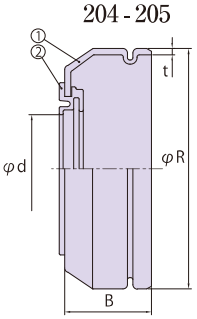
Stainless Steel Covers

200CPS00
200CPES

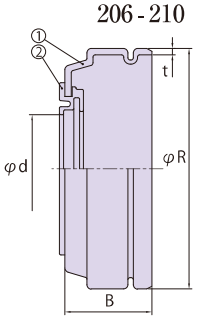
Shaft dia. (mm)	Open Cover	Closed Cover	Dimensions (mm) d	R	B	t
20	**204CPS20**	**204CPES**	19.5	54	20	0.8
25	**205CPS25**	**205CPES**	24.5	60	23	0.8
30	**206CPS30**	**206CPES**	29.5	70	23	0.8
35	**207CPS35**	**207CPES**	34.5	80	25	0.8
40	**208CPS40**	**208CPES**	39.5	88	30	0.8
45	**209CPS45**	**209CPES**	44.5	95	30	0.8
50	**210CPS50**	**210CPES**	49.5	100	32	1.0

Open

204 - 205

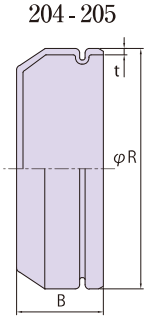


206 - 210



Closed

204 - 205



206 - 210

