STAINLESS SERIES
BALL BEARING UNITS

제일베어링공업(주)
JEIL BEARING IND.CO.,LTD.

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A. Technical section

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A. Technical section

1. Nomenclature

1.1 Bearing model code

The bearing model code describes the bearing type and basic dimensions, it is written in the order of the type code, the diameter code and the bore diameter code.

Ex.1)

S UC 2 10

- 10 — Bore diameter code(50 mm)
- 2 — Diameter code
- UC — Type code(Cylindrical bore)
- S — Type code(Stainless series)

Ex.2)

S UC 2 05-15

- 05-15 — Bore diameter code(15/16 inch)
- 2 — Diameter code
- UC — Type code(Cylindrical bore)
- S — Type code(Stainless series)

1.2 Housing model code

The housing code is written in the order of the housing type code, the diameter code and bore diameter code of the applicable bearing.

Ex.1)

S P 2 10

- 10 — Bore diameter code of applicable bearing
- 2 — Diameter code
- P — Type code(Pillow type)
- S — Type code(Stainless series)

Ex.2)

S P 2 08

- 08 — Bore diameter code of applicable bearing
- 2 — Diameter code
- P — Type code(Square flange type)
- S — Type code(Stainless series)

1.3 Ball bearing unit model code

The ball bearing unit model code comprises the bearing model code and the housing model code.

Ex.1)

S UC P 2 06

- 06 — Bore diameter code(30 mm)
- 2 — Diameter code
- P — Housing type code(Pillow type)
- UC — Bearing type code(Cylindrical bore)
- S — Unit type code(Stainless series)

Ex.2)

S UC T 2 12

- 12 — Bore diameter code(60 mm)
- 2 — Diameter code
- T — Housing type code(Take-up type)
- UC — Bearing type code(Cylindrical bore)
- S — Unit type code(Stainless series)

[Example of ball bearing unit code]

Type		Model code			Type code		Diameter code	Bore diameter code	Shaft diameter (mm)	Fixing to shaft
		Unit	Bearing	Housing	Bearing	Housing				
Pillow	(P)	SUCP205	SUC205	SP205	SUC	SP	2	05	25	Set screws
Square flange	(F)	SUCF208	SUC208	SF208	SUC	SF	2	08	40	Set screws
Oval flange	(FL)	SUCFL204	SUC204	SFL204	SUC	SFL	2	04	20	Set screws
Take-up	(T)	SUCT212	SUC212	ST212	SUC	ST	2	12	60	Set screws

2. Tolerances

2.1 Tolerances of bearings

(Unit : 0.001mm)

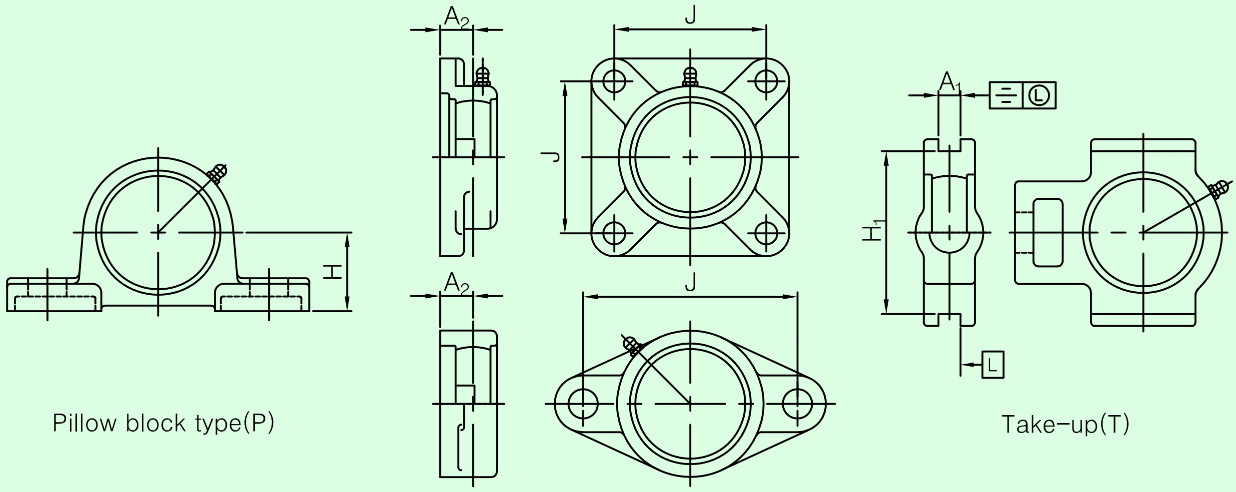
Inner ring								Outer ring				
Nominal bore diameter, ϕd(mm)		Single plane mean bore diameter deviation (Δdmp)		Single radial plane bore diameter variation (Vdp)	Single inner ring width deviation (ΔBs)		Radial runout of assembled bearing inner ring (Kia)	Nominal bore diameter, ϕD(mm)		Single plane means outer diameter deviation (ΔDmp)		Radial runout of assembled bearing outer ring (Kea)
over	incl.	high	low	max	high	low	max	over	incl.	high	low	max
–	10	+15	0	10	0	−120	10	30	50	0	−11	20
10	18	+15	0	10	0	−120	15	50	80	0	−13	25
18	31.75	+18	0	12	0	−120	18	80	120	0	−15	35
31.75	50.80	+21	0	14	0	−120	20					
50.80	80	+24	0	16	0	−150	25					

2.2 Radial internal clearance

(Unit : 0.001mm)

Nominal bore diameter, ϕd(mm)		Internal clearance									
		C2		CN(normal)		C3		C4		C5	
over	incl.	min	max	min	max	min	max	min	max	min	max
10	18	0	9	3	18	11	25	18	33	25	45
18	24	0	10	5	20	13	28	20	36	28	48
24	30	1	11	5	20	13	28	23	41	30	53
30	40	1	11	6	20	15	33	28	46	40	64
40	50	1	11	6	23	18	36	30	51	45	73
50	65	1	15	8	28	23	43	38	61	55	90

2.3 Tolerances of housings



Pillow block type(P)

Flange type(F,FL)

Take-up(T)

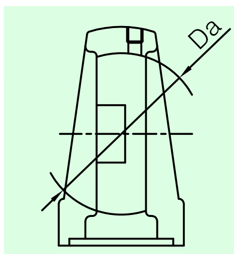
(Unit : 0.001mm)

Housing code	Pillow block type(P)	Flange type(F,FL)		Take-up type(T)		
	H	A_2	J	A_1	H_1	Parallelism of guide rail (Max)
204 205 206 207 208 209 210	±150	±500	±700	+200 0	0 −500	500
211 212	±200	±800	±1000	+300 0	0 −800	600

[Tolerance classes of spherical bore diameter of housings]

(Unit : 0.001mm)

Nominal spherical bore diameter, Da(mm)		H7		J7		K7	
		ΔDamp		ΔDamp		ΔDamp	
over	incl.	high	low	high	low	high	low
30	50	+25	0	+14	−11	+7	−18
50	80	+30	0	+18	−12	+9	−21
80	120	+35	0	+22	−13	+10	−25
120	180	+40	0	+26	−14	+12	−28
180	250	+46	0	+30	−16	+13	−33
250	315	+52	0	+36	−16	+16	−36



Remark :

ΔDamp is calculated by the equation where,

ΔDamp = (Da max+ Da min)/2

Da max and Da min are maximum and minimum measurements of Da.

3. Materials

3.1 Bearing materials

Component		Material	Type code	Standard code
Bearing	Inner ring, outer ring	Stainless steel	STS440C	KS D 3706
	Ball(rolling element)	Stainless steel	STS440C	KS D 3692
	Slinger	Stainless steel	STS304	KS D 3706
	Cage	Stainless steel	STS304	KS D 3706
	Seal(standard type)	Nitrile rubber	NBR	–
	Seal(EN1,EN2,EN2-C type)	Fluorocarbon rubber	FKM	–
	Set screw	Stainless steel	STS304	KS D 3692

3.2 Housing materials

Component		Material	Type code	Standard code
Housing	Housing	Stainless cast steel	SSC13	–
	Grease nipple	Stainless steel	STS304	KS D 3692

3.3 Grease materials

Product name	Thickner	Base oil	Dropping point(°C)	Feature
Multis EP2-Total (Standard type)	Lithium	Mineral oil	-20~130	All-purpose grease
Super lube-Synco (EN1,EN2 type)	Teflon	PAO (Poly Alpha Olefine)	-30~232	High temperature grease
Carbaflo-Fuchs (EN2-C type)	Lithium	–	-35~280	High temperature grease

4. Product overview

Bearing material : Stainless(KS-STS440C)
Housing material : Stainless(KS-SSC13)

Unit

Stainless series
Pillow block type

SUCP 2 - B01

- Mounting with SUC bearing
- Multidirectional installation
- High load capacity

Stainless series
Square flange type

SUCF 2 - B02

- Mounting with SUC bearing
- Installation on the side surface of machine

Stainless series
Oval flange type

SUCFL 2 – B03

- Mounting with SUC bearing
- Installation on the side surface of machine

Stainless series
Take-up type

SUCT 2 – B04

- Mounting with SUC bearing
- Suitable for machine needed tension adjustment

Bearing

Stainless series
Set screw type

SUC 2 – B05

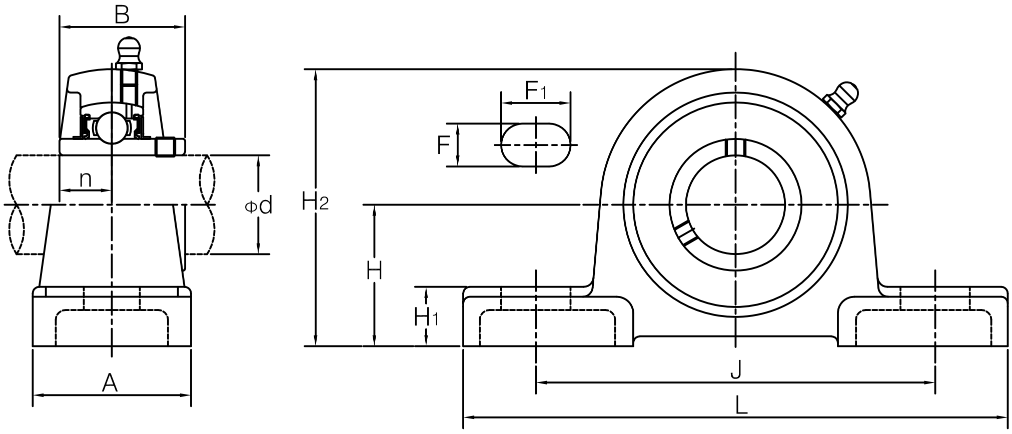
- Cylindrical bore bearing
- Sealing method : LS type
- Same dynamic/static load carryin capacity with UC
- Available to resupply grease
- Identical dimensions with UC

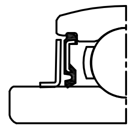
B. Dimension table

STAINLESS SERIES PILLOW BLOCK UNITS

SUCP2

(Cylindrical bore)



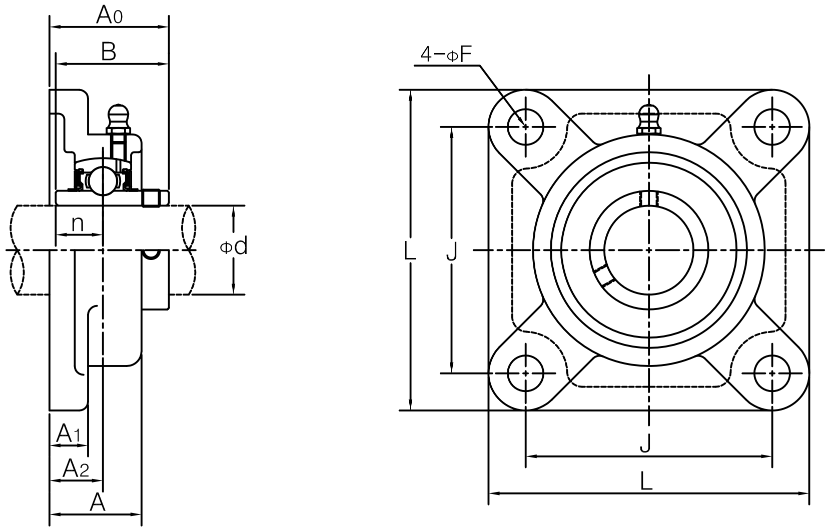


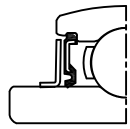
Unit No.	Shaft Dia. d (in.)	Shaft Dia. d (mm)	H	L	A	J	F	F1	H1	H2	B	n	Bolt used (mm)	Bolt used (in.)	Bearing No.	Housing No.	Weight (kgf)
SUCP 201		12	1 5/16 33.3	4 59/64 125	1 3/16 30	3 47/64 95	33/64 13	3/4 19	15/32 12	2 33/64 64	1.2205 31.0	0.5000 12.7	10	3/8	SUC 201	SP 204	0.71
201-8	1/2														201-8		0.71
202		15													202		0.69
202-10	5/8														202-10		0.69
203		17													203		0.68
203-11	11/16														203-11		0.68
204-12	3/4														204-12		0.66
204		20													204		0.66
SUCP 205-13	13/16		1 7/16 36.5	5 33/64 140	1 17/64 32	4 9/64 105	33/64 13	3/4 19	33/64 13	2 3/4 70	1.3425 34.1	0.5630 14.3	10	3/8	SUC 205-13	SP 205	0.8
205-14	7/8														205-14		0.8
205-15	15/16														205-15		0.8
205		25													205		0.8
205-16	1														205-16		0.8
SUCP 206-17	1 1/16		1 11/16 42.9	6 19/64 160	1 27/64 36	4 49/64 121	43/64 17	53/64 21	35/64 14	3 15/64 82	1.5000 38.1	0.6260 15.9	14	1/2	SUC 206-17	SP 206	1.3
206-18	1 1/8														206-18		1.3
206		30													206		1.3
206-19	1 3/16														206-19		1.3
206-20	1/4														206-20		1.3
SUCP 207-20	1 1/4		1 7/8 47.6	6 17/32 166	1 1/2 38	5 127	43/64 17	53/64 21	19/32 15	3 5/8 92	1.6890 42.9	0.6890 17.5	14	1/2	SUC 207-20	SP 207	1.6
207-21	1 5/16														207-21		1.6
207-22	1 3/8														207-22		1.6
207		35													207		1.6
207-23	1 7/16														207-23		1.6
SUCP 208-24	1 1/2		1 15/16 49.2	7 3/64 179	1 21/32 42	5 25/64 137	43/64 17	53/64 21	19/32 15	3 55/64 98	1.9370 49.2	0.7480 19.0	14	1/2	SUC 208-24	SP 208	2.0
208-25	1 9/16														208-25		2.0
208		40													208		2.0
SUCP 209-26	1 5/8		2 1/8 54.0	7 9/32 185	1 47/64 44	5 3/4 146	43/64 17	53/64 21	43/64 17	4 9/64 105	1.9370 49.2	0.7480 19.0	14	1/2	SUC 209-26	SP 209	2.2
209-27	1 11/16														209-27		2.2
209-28	1 3/4														209-28		2.2
209		45													209		2.2
SUCP 210-29	1 13/16		2 1/4 57.2	7 29/32 201	1 57/64 48	6 17/64 159	25/32 20	1 25	45/64 18	4 13/32 112	2.0315 51.6	0.7480 19.0	16	5/8	SUC 210-29	SP 210	2.9
210-30	1 7/8														210-30		2.9
210-31	1 15/16														210-31		2.9
210		50													210		2.9
210-32	2														210-32		2.9
SUCP 211-31	1 15/16		2 1/2 63.5	8 27/64 214	1 31/32 50	6 47/64 171	25/32 20	1 25	25/32 20	4 27/32 123	2.1890 55.6	0.8740 22.2	16	5/8	SUC 211-31	SP 211	3.6
211-32	2														211-32		3.6
211-34	2 1/8														211-34		3.6
211		55													211		3.6
211-35	2 3/16														211-35		3.6
SUCP 212-36	2 1/4		2 3/4 69.8	9 19/64 236	2 13/64 56	7 15/64 184	25/32 20	1 25	55/64 22	5 5/16 135	2.5630 65.1	1.0000 25.4	16	5/8	SUC 212-36	SP 212	4.9
212		60													212		4.9
212-37	2 5/16														212-37		4.9
212-38	2 3/8														212-38		4.9
212-39	2 7/16														212-39		4.9

STAINLESS SERIES SQUARE FLANGE TYPE UNITS

SUCF2

(Cylindrical bore)





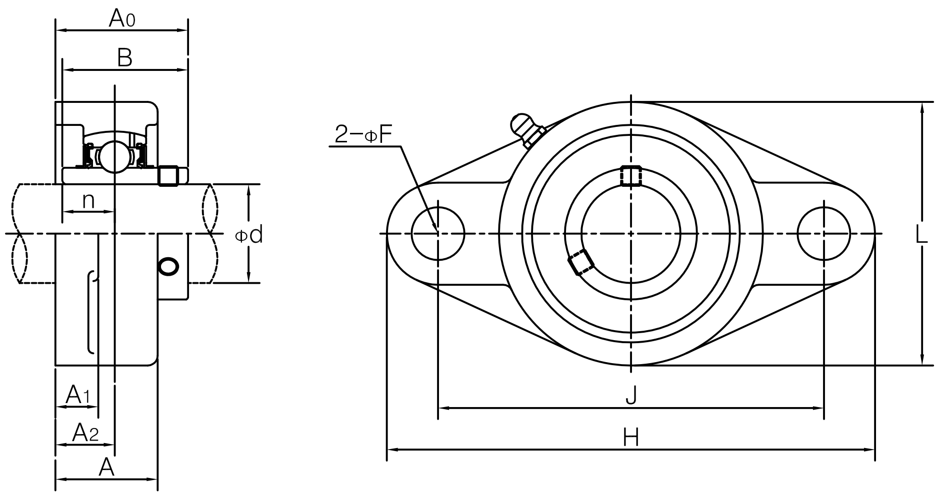
LS type

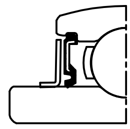
Unit No.	Shaft Dia. d (in.)	Shaft Dia. d (mm)	L	A	J	F	A1	A2	A0	B	n	Bolt used (mm)	Bolt used (in.)	Bearing No.	Housing No.	Weight (kgf)
SUCF 201		12	3 25/64 86	1 25.5	2 33/64 64	15/32 12	15/32 12	19/32 15	1 5/16 33.3	1.2205 31.0	0.5000 12.7	10	3/8	SUC 201	SF 204	0.64
201-8	1/2													201-8		0.64
202		15												202		0.62
202-10	5/8													202-10		0.62
203		17												203		0.61
203-11	11/16													203-11		0.61
204-12	3/4													204-12		0.59
204		20												204		0.59
SUCF 205-13	13/16		3 47/64 95	1 1/16 27	2 3/4 70	15/32 12	35/64 14	5/8 16	1 13/32 35.8	1.3425 34.1	0.5630 14.3	10	3/8	SUC 205-13	SF 205	0.83
205-14	7/8													205-14		0.83
205-15	15/16													205-15		0.83
205		25												205		0.83
205-16	1													205-16		0.83
SUCF 206-17	1 1/16		4 1/4 108	1 7/32 31	3 17/64 83	15/32 12	35/64 14	45/64 18	1 37/64 40.2	1.5000 38.1	0.6260 15.9	10	3/8	SUC 206-17	SF 206	1.1
206-18	1 1/8													206-18		1.1
206		30												206		1.1
206-19	1 3/16													206-19		1.1
206-20	1/4													206-20		1.1
SUCF 207-20	1 1/4		4 9/16 116	1 11/32 34	3 5/8 92	35/64 14	39/64 15.5	3/4 19	1 3/4 44.4	1.6890 42.9	0.6890 17.5	12	7/16	SUC 207-20	SF 207	1.5
207-21	1 5/16													207-21		1.5
207-22	1 3/8													207-22		1.5
207		35												207		1.5
207-23	1 7/16													207-23		1.5
SUCF 208-24	1 1/2		5 5/64 129	1 27/64 36	4 1/32 102	5/8 16	39/64 15.5	53/64 21	2 1/64 51.2	1.9370 49.2	0.7480 19.0	14	1/2	SUC 208-24	SF 208	1.9
208-25	1 9/16													208-25		1.9
208		40												208		1.9
SUCF 209-26	1 5/8		5 3/8 136.5	1 1/2 38	4 9/64 105	5/8 16	11/16 17.5	55/64 22	2 1/16 52.2	1.9370 49.2	0.7480 19.0	14	1/2	SUC 209-26	SF 209	2.2
209-27	1 11/16													209-27		2.2
209-28	1 3/4													209-28		2.2
209		45												209		2.2
SUCF 210-29	1 13/16		5 39/64 142.5	1 37/64 40	4 3/8 111	5/8 16	11/16 17.5	55/64 22	2 5/32 54.6	2.0315 51.6	0.7480 19.0	14	1/2	SUC 210-29	SF 210	2.5
210-30	1 7/8													210-30		2.5
210-31	1 15/16													210-31		2.5
210		50												210		2.5
210-32	2													210-32		2.5
SUCF 211-31	1 15/16		6 3/8 162	1 11/16 43	5 1/8 130	3/4 19	49/64 19.5	1 25	2 19/64 58.4	2.1890 55.6	0.8740 22.2	16	5/8	SUC 211-31	SF 211	3.4
211-32	2													211-32		3.4
211-34	2 1/8													211-34		3.4
211		55												211		3.4
211-35	2 3/16													211-35		3.4
SUCF 212-36	2 1/4		6 57/64 175	1 57/64 48	5 5/8 143	3/4 19	49/64 19.5	1 9/64 29	2 45/64 68.7	2.5630 65.1	1.0000 25.4	16	5/8	SUC 212-36	SF 212	4.2
212		60												212		4.2
212-37	2 5/16													212-37		4.2
212-38	2 3/8													212-38		4.2
212-39	2 7/16													212-39		4.2

STAINLESS SERIES OVAL FLANGE TYPE UNITS

SUCFL2

(Cylindrical bore)





LS type

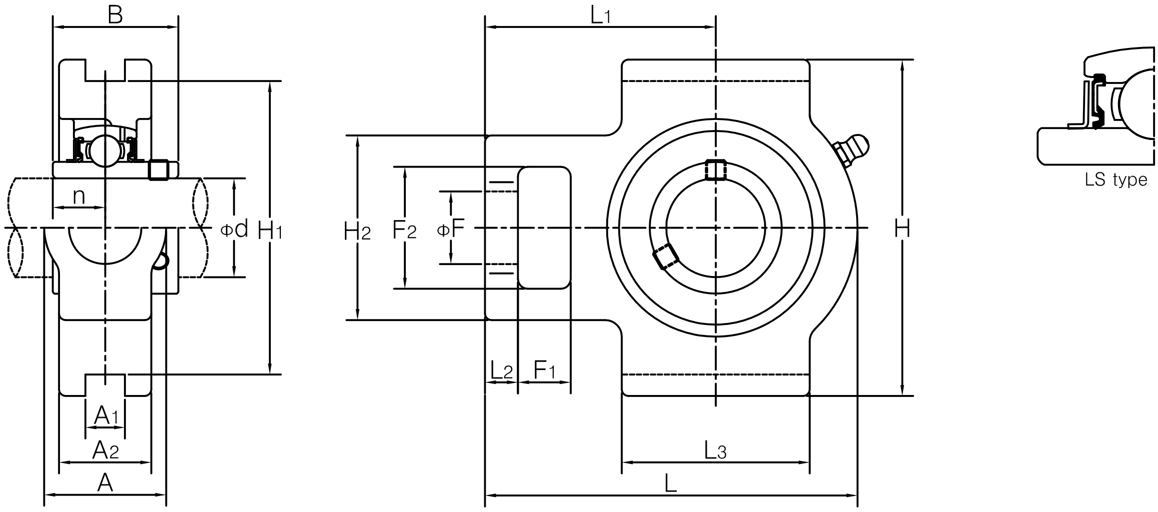
Unit No.	Shaft Dia. d (in.)	Shaft Dia. d (㎜)	H	L	A	J	F	A1	A2	A0	B	n	Bolt used (㎜)	Bolt used (in.)	Bearing No.	Housing No.	Weight (kgf)
SUCFL 201		12	4 13/32 112	2 23/64 60	1 25.5	3 35/64 90	15/32 12	7/16 11	19/32 15	1 5/16 33.3	1.2205 31.0	0.5000 12.7	10	3/8	SUC 201	SFL 204	0.50
201-8	1/2														201-8		0.50
202		15													202		0.48
202-10	5/8														202-10		0.48
203		17													203		0.47
203-11	11/16														203-11		0.47
204-12	3/4														204-12		0.45
204		20													204		0.45
SUCFL 205-13	13/16		4 59/64 125	2 9/16 65	1 1/16 27	3 57/64 99	5/8 16	31/64 12.5	5/8 16	1 13/32 35.8	1.3425 34.1	0.5630 14.3	14	1/2	SUC 205-13	SFL 205	0.64
205-14	7/8														205-14		0.64
205-15	15/16														205-15		0.64
205		25													205		0.64
205-16	1														205-16		0.64
SUCFL 206-17	1 1/16		5 9/16 141	3 76	1 7/32 31	4 39/64 117	5/8 16	31/64 12.5	45/64 18	1 37/64 40.2	1.5000 38.1	0.6260 15.9	14	1/2	SUC 206-17	SFL 206	0.93
206-18	1 1/8														206-18		0.93
206		30													206		0.93
206-19	1 3/16														206-19		0.93
206-20	1 1/4														206-20		0.93
SUCFL 207-20	1 1/4		6 9/64 156	3 25/64 86	1 11/32 34	5 1/8 130	5/8 16	17/32 13.5	3/4 19	1 3/4 44.4	1.6890 42.9	0.6890 17.5	14	1/2	SUC 207-20	SFL 207	1.2
207-21	1 5/16														207-21		1.2
207-22	1 3/8														207-22		1.2
207		35													207		1.2
207-23	1 7/16														207-23		1.2
SUCFL 208-24	1 1/2		6 49/64 172	3 25/32 96	1 27/64 36	5 43/64 144	5/8 16	17/32 13.5	53/64 21	2 1/64 51.2	1.9370 49.2	0.7480 19.0	14	1/2	SUC 208-24	SFL 208	1.6
208-25	1 9/16														208-25		1.6
208		40													208		1.6
SUCFL 209-26	1 5/8		7 3/32 180	4 1/64 102	1 1/2 38	5 53/64 148	3/4 19	17/32 13.5	55/64 22	2 1/16 52.2	1.9370 49.2	0.7480 19.0	16	5/8	SUC 209-26	SFL 209	1.9
209-27	1 11/16														209-27		1.9
209-28	1 3/4														209-28		1.9
209		45													209		1.9
SUCFL 210-29	1 13/16		7 31/64 190	4 1/4 108	1 37/64 40	6 3/16 157	3/4 19	37/64 14.5	55/64 22	2 5/32 54.6	2.0315 51.6	0.7480 19.0	16	5/8	SUC 210-29	SFL 210	2.2
210-30	1 7/8														210-30		2.2
210-31	1 15/16														210-31		2.2
210		50													210		2.2
210-32	2														210-32		2.2
SUCFL 211-31	1 15/16		8 3/4 222	4 59/64 125	1 39/64 41	7 1/4 184	3/4 19	43/64 17	1 25	2 19/64 58.4	2.1890 55.6	0.8740 22.2	16	5/8	SUC 211-31	SFL 211	3.3
211-32	2														211-32		3.3
211-34	2 1/8														211-34		3.3
211		55													211		3.3
211-35	2 3/16														211-35		3.3
SUCFL 212-36	2 1/4		9 17/32 242	5 5/16 135	1 13/16 46	7 61/64 202	29/32 23	43/64 17	1 9/64 29	5 45/64 68.7	2.5630 65.1	1.0000 25.4	20	3/4	SUC 212-36	SFL 212	4.2
212		60													212		4.2
212-37	2 5/16														212-37		4.2
212-38	2 3/8														212-38		4.2
212-39	2 7/16														212-39		4.2

Dimensions: upper value (in.), lower value (mm).

STAINLESS SERIES TAKE-UP TYPE UNITS

SUCT2

(Cylindrical bore)

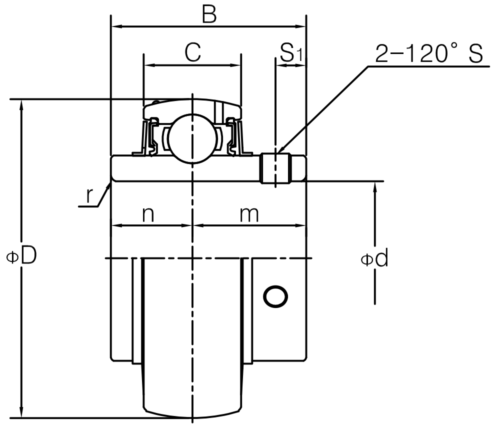


Unit No.	Shaft Dia. d (in.)	Shaft Dia. d (mm)	A	A1	A2	H	H1	H2	L	L1	L2	L3	F	F1	F2	B	n	Bearing No.	Housing No.	Weight (kgf)
			Dimensions (in.) (mm)																	
SUCT 201		12	1 17/64 32	15/32 12	25/32 20	3 1/2 89	2 63/64 76	1 31/32 50	3 5/8 92	2 7/16 62	23/64 9	1 37/64 40	3/4 19	25/32 20	1 17/64 32	1.2205 31.0	0.5000 12.7	SUC 201	ST 204	0.81
201-8	1/2																	201-8		0.81
202		15																202		0.79
202-10	5/8																	202-10		0.79
203		17																203		0.78
203-11	11/16																	203-11		0.78
204-12	3/4																	204-12		0.76
204		20																204		0.76
SUCT 205-13	13/16		1 17/64 32	15/32 12	53/64 21	3 1/2 89	2 63/64 76	1 31/32 50	3 47/64 95	2 7/16 62	23/64 9	1 37/64 40	3/4 19	25/32 20	1 17/64 32	1.3425 34.1	0.5630 14.3	SUC 205-13	ST 205	0.84
205-14	7/8																	205-14		0.84
205-15	15/16																	205-15		0.84
205		25																205		0.84
205-16	1																	205-16		0.84
SUCT 206-17	1 1/16		1 29/64 37	15/32 12	15/16 24	4 1/64 102	3 1/2 89	2 11/64 55	4 3/8 111	2 3/4 70	23/64 9	1 27/32 47	55/64 22	25/32 20	1 29/64 37	1.5000 38.1	0.6260 15.9	SUC 206-17	ST 206	1.3
206-18	1 1/8																	206-18		1.3
206		30																206		1.3
206-19	1 3/16																	206-19		1.3
206-20	1 1/4																	206-20		1.3
SUCT 207-20	1 1/4		1 29/64 37	15/32 12	1 25	4 1/64 102	3 1/2 89	2 1/4 57	4 59/64 125	3 5/64 78	25/64 10	2 1/8 54	55/64 22	15/16 24	1 29/64 37	1.6890 42.9	1.6890 17.5	SUC 207-20	ST 207	1.6
207-21	1 5/16																	207-21		1.6
207-22	1 3/8																	207-22		1.6
207		35																207		1.6
207-23	1 7/16																	207-23		1.6
SUCT 208-24	1 1/2		1 59/64 49	5/8 16	1 3/16 30	4 31/64 114	4 1/64 102	3 1/32 77	5 33/64 140	3 15/32 88	35/64 14	2 7/8 73	1 3/16 29	1 25	1 59/64 49	1.9370 49.2	0.7480 19.0	SUC 208-24	ST 208	2.5
208-25	1 9/16																	208-25		2.5
208		40																208		2.5
SUCT 209-26	1 5/8		1 59/64 49	5/8 16	1 7/32 31	4 39/64 117	4 1/64 102	3 1/32 77	5 33/64 140	3 27/64 87	35/64 14	2 7/8 73	1 3/16 29	1 25	1 59/64 49	1.9370 49.2	0.7480 19.0	SUC 209-26	ST 209	2.4
209-27	1 11/16																	209-27		2.4
209-28	1 3/4																	209-28		2.4
209		45																209		2.4
SUCT 210-29	1 13/16		1 59/64 49	5/8 16	1 19/64 33	4 39/64 117	4 1/64 102	3 1/32 77	5 43/64 144	3 35/64 90	35/64 14	2 63/64 76	1 3/16 29	1 25	1 59/64 49	2.0315 51.6	0.7480 19.0	SUC 210-29	ST 210	2.6
210-30	1 7/8																	210-30		2.6
210-31	1 15/16																	210-31		2.6
210		50																210		2.6
210-32	2																	210-32		2.6
SUCT 211-31	1 15/16		2 33/64 64	55/64 22	1 27/64 36	5 3/4 146	5 1/8 130	3 35/64 90	6 29/64 164	4 11/64 106	45/64 18	3 11/32 85	1 3/8 35	1 7/64 28	2 33/64 64	2.1890 55.6	0.8740 22.2	SUC 211-31	ST 211	4.0
211-32	2																	211-32		4.0
211-34	2 1/8																	211-34		4.0
211		55																211		4.0
211-35	2 3/16																	211-35		4.0
SUCT 212-36	2 1/4		2 33/64 64	55/64 22	1 1/2 38	5 3/4 146	5 1/8 130	3 35/64 90	7 9/32 185	4 11/16 119	45/64 18	3 5/8 92	1 3/8 35	1 3/8 35	2 33/64 64	2.5630 65.1	1.0000 25.4	SUC 212-36	ST 212	4.9
212		60																212		4.9
212-37	2 5/16																	212-37		4.9
212-38	2 3/8																	212-38		4.9
212-39	2 7/16																	212-39		4.9

STAINLESS SERIES SET SCREW TYPE BEARINGS

SUC2

(Cylindrical bore)



Unit No.	Shaft Dia. d (in.)	Shaft Dia. d (mm)	D	B	C	r	n	m	S_1	S	Basic dynamic load rating (kgf)	Basic static load rating (kgf)	Weight (kgf)
			Dimensions (in.) (mm)										
SUC 201		12	1.8504 47	1.2205 31.0	0.6299 16	0.0397 1.0	0.5000 12.7	0.7205 18.3	0.1969 5	M5 x 0.8 No.10-32UNF	1280	670	0.21
201-8	1/2												0.21
202		15											0.19
202-10	5/8												0.19
203		17											0.18
203-11	11/16												0.18
204-12	3/4												0.16
204		20											0.16
SUC 205-13	13/16		2.0472 52	1.3425 34.1	0.6693 17	0.0397 1.0	0.5630 14.3	0.7795 19.8	0.2165 5.5	M5 x 0.8 No.10-32UNF	1400	790	0.23
205-14	7/8												0.23
205-15	15/16												0.21
205		25											0.20
205-16	1												0.20
SUC 206-17	1 1/16		2.4409 62	1.5000 38.1	0.7480 19	0.0591 1.5	0.6260 15.9	0.8740 22.2	0.2165 5.5	M6 x 0.75 1/4-28UNF	1950	1130	0.34
206-18	1 1/8												0.34
206		30											0.32
206-19	1 3/16												0.32
206-20	1 1/4												0.32
SUC 207-20	1 1/4		2.8346 72	1.6890 42.9	0.7874 20	0.0591 1.5	0.6890 17.5	1.0000 25.4	0.2559 6.5	M6 x 0.75 1/4-28UNF	2570	1540	0.54
207-21	1 5/16												0.51
207-22	1 3/8												0.48
207		35											0.48
207-23	1 7/16												0.45
SUC 208-24	1 1/2		3.1496 80	1.9370 49.2	0.8268 21	0.0787 2.0	0.7480 19.0	1.1890 30.2	0.3346 8.5	M8 x 1.0 5/16-24UNF	2910	1790	0.68
208-25	1 9/16												0.65
208		40											0.64
SUC 209-26	1 5/8		3.3465 85	1.9370 49.2	0.8661 22	0.0787 2.0	0.7480 19.0	1.1890 30.2	0.3346 8.5	M8 x 1.0 5/16-24UNF	3200	2040	0.78
209-27	1 11/16												0.74
209-28	1 3/4												0.70
209		45											0.68
SUC 210-29	1 13/16		3.5433 90	2.0315 51.6	0.9055 23	0.0787 2.0	0.7480 19.0	1.2835 32.6	0.3937 10	M8 x 1.0 5/16-24UNF	3510	2320	0.87
210-30	1 7/8												0.87
210-31	1 15/16												0.82
210		50											0.80
210-32	2												0.80
SUC 211-31	1 15/16		3.9370 100	2.1890 55.6	0.9843 25	0.0787 2.0	0.8740 22.2	1.3150 33.4	0.3937 10	M8 x 1.0 5/16-24UNF	4330	2940	1.26
211-32	2												1.26
211-34	2 1/8												1.15
211		55											1.11
211-35	2 3/16												1.09
SUC 212-36	2 1/4		4.3307 110	2.5630 65.1	1.0630 27	0.0984 2.5	1.0000 25.4	1.5630 39.7	0.4724 12	M10 x 1.25 3/8-24UNF	5240	3610	1.67
212		60											1.54
212-37	2 5/16												1.54
212-38	2 3/8												1.52
212-39	2 7/16												1.45

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