



**FRABIL
FRACON
GRUPPEN**

NYTTIGHETER

ASAHI

Silverserien

UP/UFL

Lagerhus: Alumimiumlegering

Lager: Stål

Axellåsning: Låsring

Axeldiameter: 8-35 mm

KP/KFL

Lagerhus: Alumimiumlegering

Lager: Stål

Axellåsning: Stoppskruv

Axeldiameter: 10-30 mm

MUP/MUFL

Lagerhus: Förkromad aluminiumlegering

Lager: Rostfritt stål

Axellåsning: Låsring

Axeldiameter: 10-30 mm



**FRABIL
FRACON
GRUPPEN**

adress
Box 9163
200 39 MALMÖ

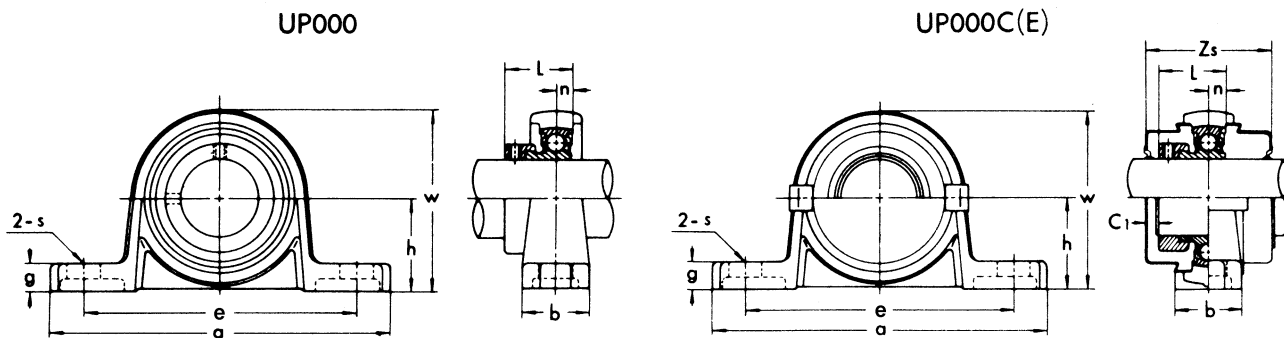
telefon
040-183900

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040-184709

Pillow blocks Eccentric locking collar type

UP000 type

UP000C(E) type



Shaft dia. (mm)	Unit No.	Dimensions (mm)											Mounting bolt size
		h	a	e	b	s	g	w	L	n	C1	Zs	
8	* UP08	15	55	42	13	4.8	5	29	15	3.5	—	—	M 4
10	UP000	18	67	53	16	7	6	35	17.5	4	2	33	M 6
12	UP001	19	71	56	16	7	6	38	17.5	4	2	33	M 6
15	UP002	22	80	63	16	7	7	43	18.5	4.5	2	34	M 6
17	UP003	24	85	67	18	7	7	47	20.5	5	2	38	M 6
20	UP004	28	100	80	20	10	9	55	24.5	6	3	46	M 8
25	UP005	32	112	90	20	10	10	62	25.5	6	3	47	M 8
30	UP006	36	132	106	26	13	11	70	26.5	6.5	4	50	M10

Bearing			Housing No.	Unit No. with covers	Stainless steel cover No.		Weight (g)	
Bearing No.	Basic load rating(kgf) (1 kgf=9.8N)				Open(closed)	Open	Closed	Normal
	Cr	Cor						
U08 +ER	340	170	※ P08	—	—	—	47	—
U000+ER	470	200	P000	UP000C(E)	000CP10	000CPE	77	85
U001+ER	520	245	P001	UP001C(E)	001CP12	001CPE	91	100
U002+ER	570	290	P002	UP002C(E)	002CP15	002CPE	125	135
U003+ER	610	335	P003	UP003C(E)	003CP17	003CPE	156	170
U004+ER	955	515	P04-5	UP004C(E)	04-5CP20	04-5CPE	230	250
U005+ER	1030	595	P05-6	UP005C(E)	05-6CP25	05-6CPE	294	315
U006+ER	1350	845	P06-7	UP006C(E)	06-7CP30	06-7CPE	454	480

Note: *For availability of UP08, please check with us.

Cr: Dynamic load rating, Cor: Static load rating

●Tolerances

In conformity with JIS B 1558 on ball bearings for units and JIS B 1559 on housings for bearing units.

●Operating temperature range

-10°C to +80°C. For operating temperature beyond this range, please consult us.

●Shaft selection

Unit: μm

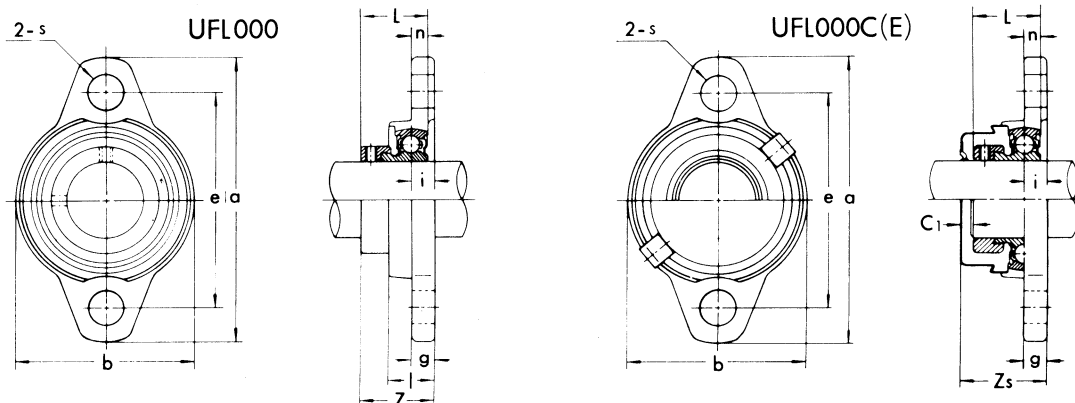
Shaft dia. (mm)		js7	h7
Over	Incl.		
6	10	± 7.5	0~-15
10	18	± 9	0~-18
18	30	± 10.5	0~-21
30	50	± 12.5	0~-25

Note: Use tight fit for applications involving high speed and vibration.

Two-bolt flange units Eccentric locking collar type

UFL000 type

UFL000C(E) type



Shaft dia. (mm)	Unit No.	Dimensions (mm)												Mounting bolt size
		a	e	i	g	l	s	b	Z	L	n	C ₁	Z _s	
8	UFL08	48	37	4.5	4	8.5	4.8	27	16	15	3.5	—	—	M 4
10	UFL000	60	45	5.5	5.5	11.5	7	36	19	17.5	4	2	22	M 6
12	UFL001	63	48	5.5	5.5	11.5	7	38	19	17.5	4	2	22	M 6
15	UFL002	67	53	6.5	6.5	13	7	42	20.5	18.5	4.5	2	24	M 6
17	UFL003	71	56	7	7	14	7	46	22.5	20.5	5	2	26	M 6
20	UFL004	90	71	8	8	16	10	55	26.5	24.5	6	3	31	M 8
25	UFL005	95	75	8	8	16	10	60	27.5	25.5	6	3	32	M 8
30	UFL006	112	85	9	9	18	13	70	29	26.5	6.5	4	34	M10
35	UFL007	122	95	10	10	20	13	80	32.5	29.5	7	4	38	M10

Bearing			Housing No.	Unit No. with covers	Stainless steel cover No.		Weight (g)	
Bearing No.	Basic load rating (kgf) (1 kgf=9.8N)				Open(closed)	Open	Closed	Normal
	Cr	Cor						
U08 + ER	340	170	FL08				30	
U000 + ER	470	200	FL000	UFL000C(E)	000CP10	000CPE	60	65
U001 + ER	520	245	FL001	UFL001C(E)	001CP12	001CPE	76	80
U002 + ER	570	290	FL002	UFL002C(E)	002CP15	002CPE	100	105
U003 + ER	610	335	FL003	UFL003C(E)	003CP17	003CPE	129	135
U004 + ER	955	515	FL04-5	UFL004C(E)	04 5CP20	04 5CPE	205	215
U005 + ER	1030	595	FL05-6	UFL005C(E)	05 6CP25	05 6CPE	244	255
U006 + ER	1350	845	FL06-7	UFL006C(E)	06 7CP30	06 7CPE	354	370
U007 + ER	1625	1050	FL07-8	UFL007C(E)	07 8CP35	07 8CPE	498	520

●Recommended tightening torque of set-screws and axial load capacity

Applicable bearing Nos.	Set-screw No.	Hexagon socket screw key No.	Tightening torque (kgf cm)	Axial load capacity (kgf)
U08	M3×0.5	1.5	6	40
U000~U003, MU000~MU003	M4×0.7	2	15	90
U004~U006, MU004~MU006	M5×0.8	2.5	30	180
U007	M6×0.75	3	50	300

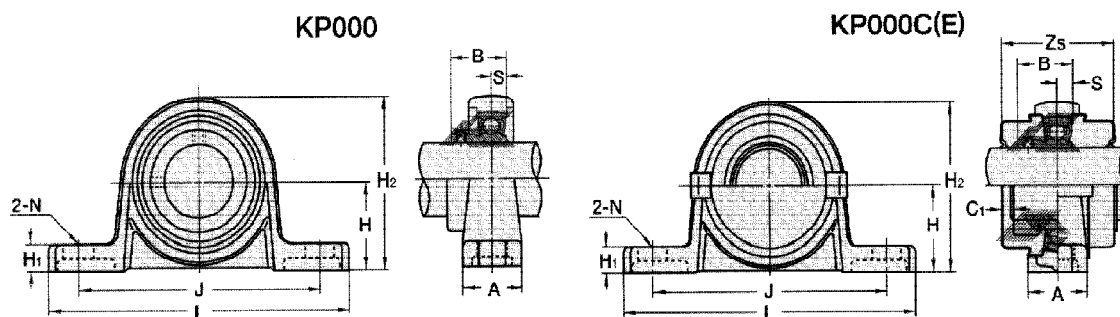
Note: As the operating radial load increases, the axial load carrying capacity also increases.

SILVER series **ASAHI**

Pillow blocks Set-screw type

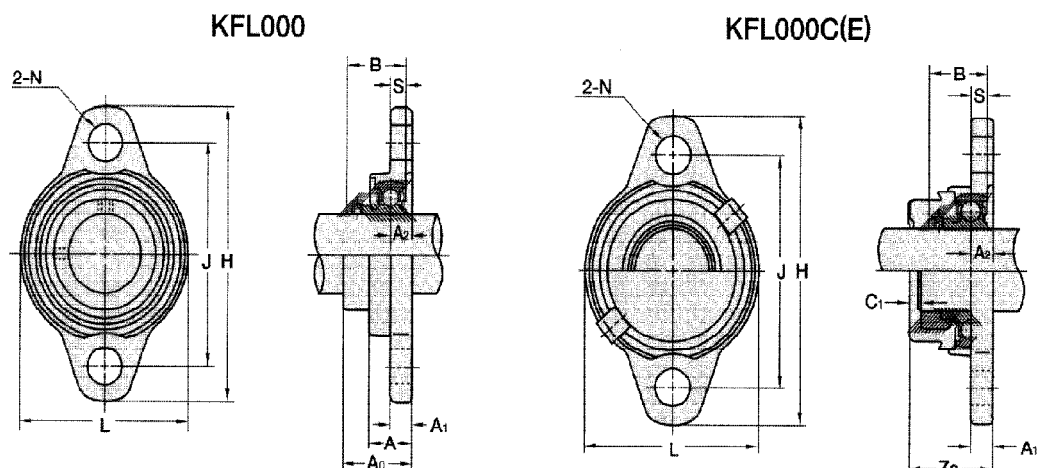
KP000 type

KP000C(E) type



Shaft dia. (mm)	Unit No.	Dimensions (mm)											Mounting bolt size
		H	L	J	A	N	H ₁	H ₂	B	S	C ₁	Zs	
10	KP000	18	67	53	16	7	6	35	14	4	5.5	33	M 6
12	KP001	19	71	56	16	7	6	38	14.5	4	5	33	M 6
15	KP002	22	80	63	16	7	7	43	16.5	4.5	4	34	M 6
17	KP003	24	85	67	18	7	7	47	17.5	5	5.5	38	M 6
20	KP004	28	100	80	20	10	9	55	21	6	7	46	M 8
25	KP005	32	112	90	20	10	10	62	22.5	6	6	47	M 8
30	KP006	36	132	106	26	13	11	70	24.5	6.5	6	50	M10

Bearing			Housing No.	Unit No. with covers	Stainless steel cover No.		Weight (g)	
Bearing No.	Basic load rating (N)				Open (closed)	Open	Closed	Normal
	Cr	Cor						
K000	4600	2000	P000	P000C(E)	000CP10	000CPE	70	78
K001	5100	2400	P001	P001C(E)	001CP12	001CPE	80	89
K002	5600	2800	P002	P002C(E)	002CP15	002CPE	120	130
K003	6000	3300	P003	P003C(E)	003CP17	003CPE	140	154
K004	9350	5100	P04-5	P004C(E)	04-5CP20	04-5CPE	210	230
K005	10100	5800	P05-6	P005C(E)	05-6CP25	05-6CPE	270	291
K006	13200	8300	P06-7	P006C(E)	06-7CP30	06-7CPE	410	436

Two-bolt flange units Set-screw type
KFL000 type
KFL000C(E) type


Shaft dia. (mm)	Unit No.	Dimensions (mm)												Mounting bolt size
		H	J	A ₁	A ₂	A	N	L	A ₀	B	S	C ₁	Zs	
10	KFL000	60	45	5.5	5.5	11.5	7	36	15.5	14	4	6	22	M 6
12	KFL001	63	48	5.5	5.5	11.5	7	38	16	14.5	4	5.5	22	M 6
15	KFL002	67	53	6.5	6.5	13	7	42	18.6	16.5	4.5	5	24	M 6
17	KFL003	71	56	7	7	14	7	46	19.5	17.5	5	6	26	M 6
20	KFL004	90	71	8	8	16	10	55	23	21	6	7.5	31	M 8
25	KFL005	95	75	8	8	16	10	60	24.5	22.5	6	7	32	M 8
30	KFL006	112	85	9	9	18	13	70	27	24.5	6.5	6.5	34	M10

Bearing			Housing No.	Unit No. with covers	Stainless steel cover No.		Weight (g)	
Bearing No.	Basic load rating (N)				Open(closed)	Open	Closed	Normal
	Cr	Cor						
K000	4600	2000	FL000	KFL000C(E)	000CP10	000CPE	50	55
K001	5100	2400	FL001	KFL001C(E)	001CP12	001CPE	70	74
K002	5600	2800	FL002	KFL002C(E)	002CP15	002CPE	90	95
K003	6000	3300	FL003	KFL003C(E)	003CP17	003CPE	115	121
K004	9350	5100	FL04-5	KFL004C(E)	04-5CP20	04-5CPE	190	200
K005	10100	5800	FL05-6	KFL005C(E)	05-6CP25	05-6CPE	220	231
K006	13200	8300	FL06-7	KFL006C(E)	06-7CP30	06-7CPE	340	356

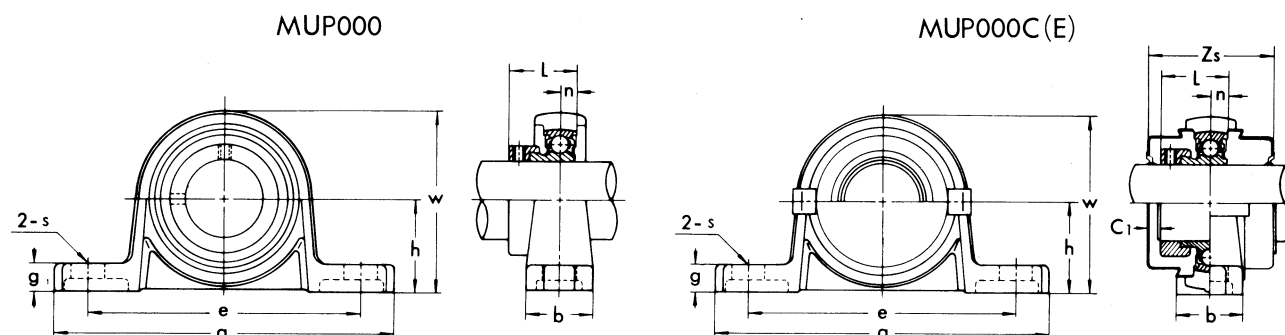
●Recommended tightening torque of set screws and axial load capacity

Applicable bearing Nos.	Set-screw No.	Hexagon key No.	Tightening torque (N.cm)	Axial load capacity (N)
K000, K001	M3×0.35	1.5	59	350
K002, K003	M4×0.5	2	147	430
K004~K006	M5×0.5	2.5	294	720

Pillow blocks Eccentric locking collar type

MUP000 type

MUP000C(E) type



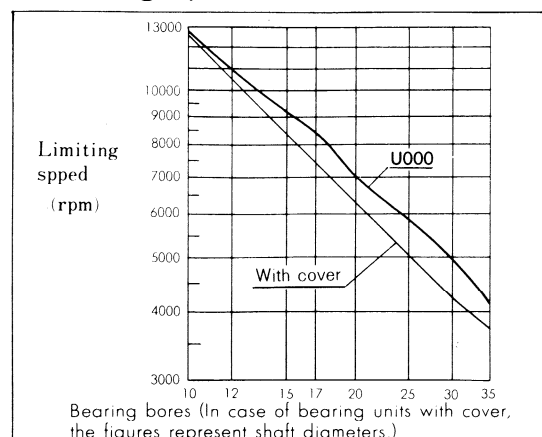
Shaft dia. (mm)	Unit No.	Dimensions (mm)											Mounting bolt size
		h	a	e	b	s	g	w	L	n	C ₁	Z _s	
10	MUP000	18	67	53	16	7	6	35	17.5	4	2	33	M 6
12	MUP001	19	71	56	16	7	6	38	17.5	4	2	33	M 6
15	MUP002	22	80	63	16	7	7	43	18.5	4.5	2	34	M 6
17	MUP003	24	85	67	18	7	7	47	20.5	5	2	38	M 6
20	MUP004	28	100	80	20	10	9	55	24.5	6	3	46	M 8
25	MUP005	32	112	90	20	10	10	62	25.5	6	3	47	M 8
30	MUP006	36	132	106	26	13	11	70	26.5	6.5	4	50	M10

Bearing			Housing No.	Unit No. with covers	Stainless steel cover No.		Weight (g)	
Bearing No.	Basic load rating (kgf) (1 kgf=9.8N)				Open (closed)	Open	Closed	Normal
	Cr	Cor						
MU000+ER	400	160	P000Z3	MUP000C(E)	000CP10	000CPE	77	85
MU001+ER	440	195	P001Z3	MUP001C(E)	001CP12	001CPE	91	100
MU002+ER	485	230	P002Z3	MUP002C(E)	002CP15	002CPE	125	135
MU003+ER	520	270	P003Z3	MUP003C(E)	003CP17	003CPE	156	170
MU004+ER	810	410	P04-5Z3	MUP004C(E)	04-5CP20	04-5CPE	230	250
MU005+ER	875	475	P05-6Z3	MUP005C(E)	05-6CP25	05-6CPE	294	315
MU006+ER	1150	675	P06-7Z3	MUP006C(E)	06-7CP30	06-7CPE	454	480

●Materials

Series	SILVER	STAINLESS SILVER
Unit No.	UP000, UFL000 UP000C(E), UFL000C(E)	MUP000, MUFL000 MUP000C(E), MUFL000C(E)
Bearing	High carbon chromium bearing steel(SUJ2)	Stainless steel (SUS440C)
Rubber seal	NBR	
Eccentric locking collar	Carbon steel for machine structure (SxxC) or Rolled steel for general structure (SS)	
	Black oxide treatment	Electro plated (MFCr)
Housing	Zinc alloy die-casting (ZDC)	
	—	Electro plated (MZCr)
Stainless steel cover	Stainless steel (SUS430)	

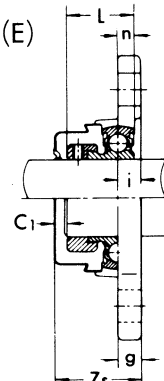
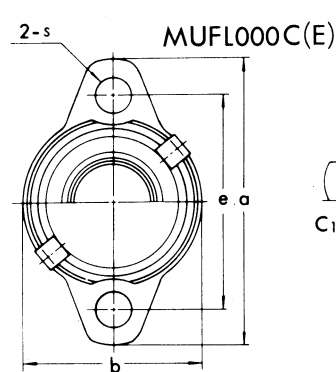
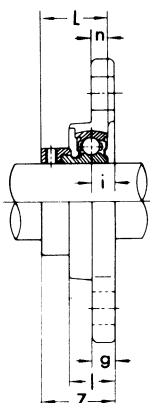
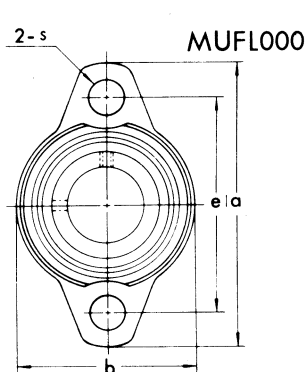
●Limiting speed



Two-bolt flange units Eccentric locking collar type

MUFL000 type

MUFL000C(E) type

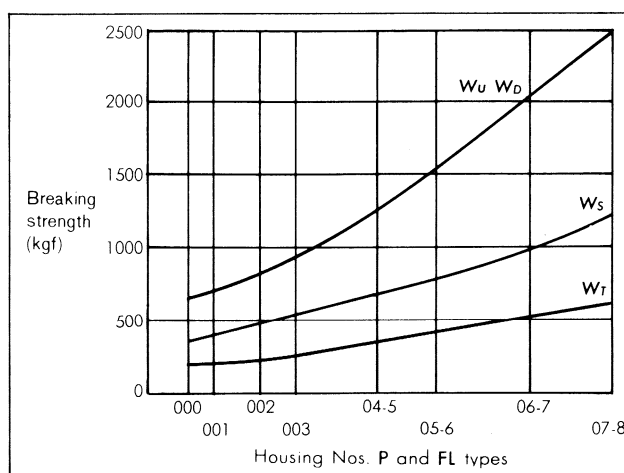
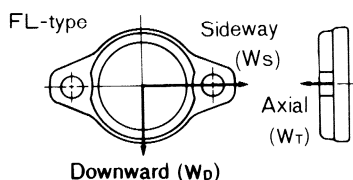
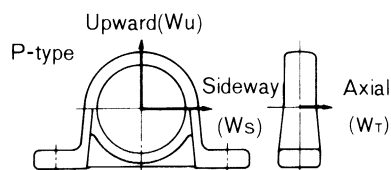


Shaft dia. (mm)	Unit No.	Dimensions (mm)												Mounting bolt size
		a	e	i	g	l	s	b	Z	L	n	C1	Zs	
10	MUFL000	60	45	5.5	5.5	11.5	7	36	19	17.5	4	2	22	M 6
12	MUFL001	63	48	5.5	5.5	11.5	7	38	19	17.5	4	2	22	M 6
15	MUFL002	67	53	6.5	6.5	13	7	42	20.5	18.5	4.5	2	24	M 6
17	MUFL003	71	56	7	7	14	7	46	22.5	20.5	5	2	26	M 6
20	MUFL004	90	71	8	8	16	10	55	26.5	24.5	6	3	31	M 8
25	MUFL005	95	75	8	8	16	10	60	27.5	25.5	6	3	32	M 8
30	MUFL006	112	85	9	9	18	13	70	29	26.5	6.5	4	34	M10

Bearing			Housing No.	Unit No. with covers	Stainless steel cover No.		Weight (g)	
Bearing No.	Basic load rating (kgf) (1 kgf=9.8N)				Open(closed)	Open	Closed	Normal
	Cr	Cor						
MU000+ER	400	160	FL000Z3	MUFL000C(E)	000CP10	000CPE	60	65
MU001+ER	440	195	FL001Z3	MUFL001C(E)	001CP12	001CPE	76	80
MU002+ER	485	230	FL002Z3	MUFL002C(E)	002CP15	002CPE	100	105
MU003+ER	520	270	FL003Z3	MUFL003C(E)	003CP17	003CPE	129	135
MU004+ER	810	410	FL04-5Z3	MUFL004C(E)	04-5CP20	04-5CPE	205	215
MU005+ER	875	475	FL05-6Z3	MUFL005C(E)	05-6CP25	05-6CPE	244	255
MU006+ER	1150	675	FL06-7Z3	MUFL006C(E)	06-7CP30	06-7CPE	354	370

● Breaking strength of housings

Directions of load applied

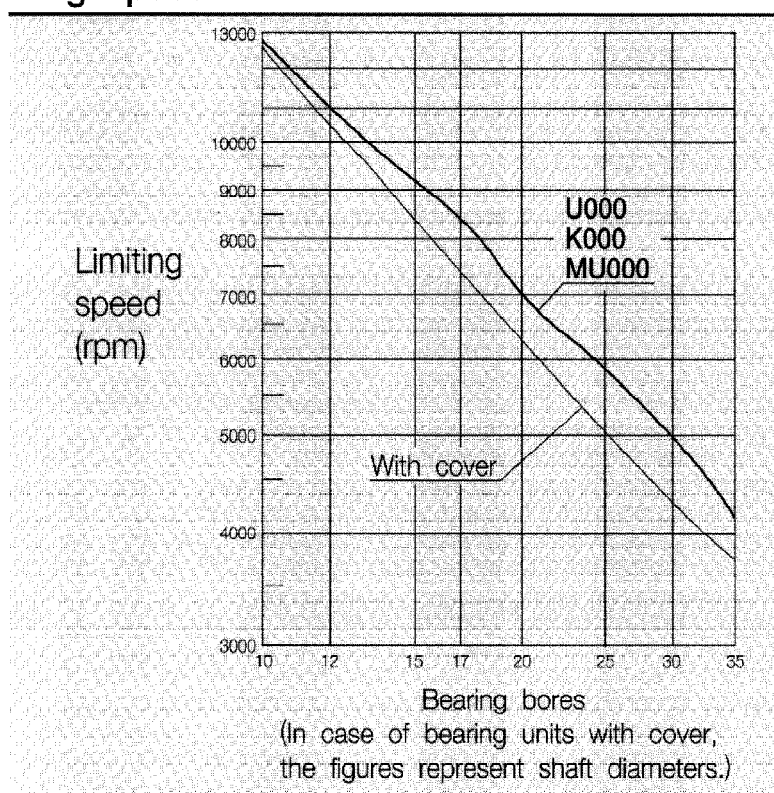


●Materials

Series	SILVER		STAINLESS SILVER	STAINLESS SILVER & FD -grease(*)		
Unit No.	UP000, UP000C(E),	UFL000 UFL000C(E)	MUP000, MUP000C(E),	MUFL000 MUFL000C(E)	MUP000-U2, MUP000C(E)-U2,	MUFL000-U2 MUFL000C(E)-U2
	KP000, KP000C(E),	KFL000 KFL000C(E)	—————		—————	
Bearing	High carbon chromium bearing steel (SUJ2)		Stainless steel (SUS440C)			
Rubber seal	Nitril rubber (NBR)					
Eccentric locking collar	Carbon steel for machine structure (S35C) Rolled steel for general structure (SS400)				Stainless steel (SUS304)	
	Black oxide treatment		Electro plated (MFCr)			
Set screw	Chrome molybdenum steel (SCM435)		—————		—————	
Housing	Zincalloy die-casting (ZDC)					
	—————		Electro plated (MZCr)			
Cover & clip	Stainless steel (SUS430)					

(*) **FD-grease:** Authorized and accepted by USDA (United States Department of Agriculture) and approved as USDA H-1 grade grease.

●Limiting speed



● Breaking strength of housings

Directions of load applied

