



BEARING NO	SHAFT DIA. d		DIMENSIONS (mm)								BASIC LOAD RATING (KN)		WEIGHT (kg)	SPEED (rpm)	
	mm	inch	D	C	B	S	S <sub>1</sub>	S <sub>2</sub>	r <sub>min</sub>	d <sub>s</sub>	DYNAMIC	STATIC			
SSUC204	20	3/4"	47	17	31.0	12.7	18.3	4.5	1.0		M6 X 0.75	1000	630	0.275	5800
SSUC204-12															
SSUC205-14		7/8"													
SSUC205-15		1-5/16"													
SSUC205	25		52	17	34.1	14.3	19.8	5.0	1.5		M6 X 0.75	1100	710	0.330	5100
SSUC205-16		1"													
SSUC206-16		1-1/8"													
SSUC206-18															
SSUC206	30		62	19	38.1	15.9	22.2	5.0	1.5		M6 X 0.75	1540	1020	0.515	4300
SSUC207-20		1-3/16"													
SSUC207-21		1-1/2"													
SSUC207-22		1-5/16"													
SSUC207	35		72	20	42.9	17.5	25.4	6.0	2.0		M8 X 1	2030	1400	0.675	3700
SSUC207-23		1-7/16"													
SSUC208-24		1-1/2"													
SSUC208-25		1-9/16"													
SSUC208	40		80	21	49.2	19.0	30.2	8.0	2.0		M8 X 1	2300	1600	0.915	3300
SSUC209-26		1-5/8"													
SSUC209-27		1-11/16"													
SSUC209-28		1-3/4"													
SSUC209	45		85	22	49.2	19.0	30.2	8.0	2.0		M8 X 1	2560	1810	1.000	2800
SSUC210-30		1-7/8"													
SSUC210-31		1-15/16"													
SSUC210	50		90	24	51.6	19.0	32.6	10.0	2.0		M10 X 1.25	2750	2020	1.180	2200
SSUC211-32		2"													
SSUC211-34		2-1/8"													
SSUC211	55		100	25	55.6	22.2	33.4	10.0	2.5		M10 X 1.25	3400	2550	1.470	1700
SSUC211-35		2-3/16"													
SSUC212-36		2-1/4"													
SSUC212	60		110	27	65.1	25.4	39.7	10.0	2.5		M10 X 1.25	4100	3150	1.980	1200
SSUC212-38		2-3/8"													
SSUC212-39		2-7/16"													



### PROPER TIGHTENING TORQUE OF SETSCREWS

BEARING NO	SET SCREW	TIGHTENING TORQUE Nm
SSUC204~SSUC206	M6x1	3.9
SSUC207~SSUC209	M8x1	8.3
SSUC210~SSUC212	M10x1.25	17.0

### TEMPERATURE RANGE

MAXIMUM	MINIMUM
+ 60°C	- 15°C

### MATERIAL OF OTHER COMPONENTS

BEARING				
Inner & Outer Rings	Ball	Cage	Seal	Set Screw
SUS440C	SUS440C	SUS304	NBR	SUS410C

HOUSING				COVER
MAIN	Sleeve for Bolt	Grease Nipple Nut	Grease Nipple	
VALOX420	SUS304	SUS303	SUS304	VALOX420

### PROPER TIGHTENING TORQUE OF HOUSING BOLTS

HOUSING NUMBER	SPP		SPF		SPFL	
	BOLT SIZE	TIGHTENING TORQUE Nm	BOLT SIZE	TIGHTENING TORQUE Nm	BOLT SIZE	TIGHTENING TORQUE Nm
204	M10	17.7	M10	17.7	M10	17.7
205	M10	24.5	M10	24.5	M14	24.5
206	M12	29.4	M10	29.4	M14	29.4
207	M14	34.3	M12	34.3	M14	34.3
208	M14	44.1	M14	44.1	M14	44.1
209	M14	47.8	M14	47.8	M14	47.8
210	M16	51.5	M14	51.5	M16	51.5
211	M16	55.7	M16	55.7	M16	55.7
212	M16	60.2	M16	60.2	M16	60.2

### DESTRUCTION STRENGTH OF HOUSING

(Newton)

HOUSING NUMBER	SPP				SPF		SPFL			
	WA	WB	WC	WE	WA	WE	WA	WB	WD	WE
204	16600	5600	7000	3000	14700	340	7400	5600	6600	3300
205	19600	5800	7400	3200	15700	340	7600	8000	8400	3300
206	28300	6000	8600	4000	17600	340	8500	10800	10300	3300
207	38300	6600	10300	5700	18100	350	10700	13800	12200	3400
208	44500	11100	12100	8500	18600	380	15100	17300	14000	3700
209	50000	11800	13800	9600	19600	420	18300	21000	16000	4100
210	54000	12400	15200	10900	21040	530	21000	24600	18500	4800
211	60000	13100	16300	11700	23500	670	25320	29200	21000	5300
212	68000	14000	17400	13400	2700	780	28400	33400	24000	6100