LDK® STAINLESS STEEL MOUNTED BEARING UNITS

MATERIAL AND OPERATION TEMPERATURE

DESCRIPTION	MATERIALS
HOUSING:	SUS 304
BEARING INSERT	
SET SCREW	SUS 304
RETAINER	SUS 201
SLINGER & FRAME	SUS 304
INNER & OUTER RINGS	SUS 440
BALLS	SUS 440
GREASE NIPPLE	SUS 304
GREASE (please check with us for details)	INDUSTRY GREASE FOOD GRADE GREASE
OPERATING TEMPERATURE	-20℃ ~ 120℃





RECOMMENDED TIGHTENING TORQUE FOR SET SCREWS

SET SCREW	BEARING NO.	TIGHTENING TORQUE (N.M)
M6 X 1	SUC 204-206	3.9
M8 X 1	SUC 207-209	8.3
M10 X 1	SUC 210	16



TOLERANCES FOR BEARING INNER RINGS

Nominal Bore Dia.(mm)		Bore Diameter				Width		Radial run-out
		dm Deviations		d Deviations		B Deviations		
Over	incl.	Hight	Low	Hight	Low	Hight	Low	max
18	30	+21	0	+25	-40	0	-120	18
30	50	+25	0	+30	-5	0	-120	20

Unit:um



SHINY POLISHING SURFACE TREATMENT TO THE STAINLESS STEEL HOUSING IS AVAILABLE UPON REQUEST.

F AND FL TYPE HOUSINGS CAN BE MOUNTED WITH RUBBER BACK SEAL,CLOSE AND OPEN COVERS TO BLOCK OFF DUST.



TYPICAL APPLICATION

FOOD PROCESSING MACHINERY, MEDICAL EQUIPMENT, CHEMICAL AND AGRICUL TURAL MACHINERY AND MANY APPLICATIONS THAT REQUIRE CLEANLINESS, RUST PREVENTIVE AND ANTI-CORROSION.