

Technical data

Our 100% Stainless Steel units are manufactured from a select grade of Stainless Steel which has been carefully chosen to give you what you have asked for: optimal corrosion resistance. Bearing life is excellent because it is not limited to the life of the coating and/or nickel plating.

Material	Unit MUC200
Ring and Balls	SUS440C
Slinger and Retainer	SUS304
Seal	Nitril rubber (NBR)
Set screw	SUS304
Housing	SCS13

Operating temperatures range

-20~+120c.

Scratches and marks have absolutely no effect on the bearings ability to resist rust and corrosion.

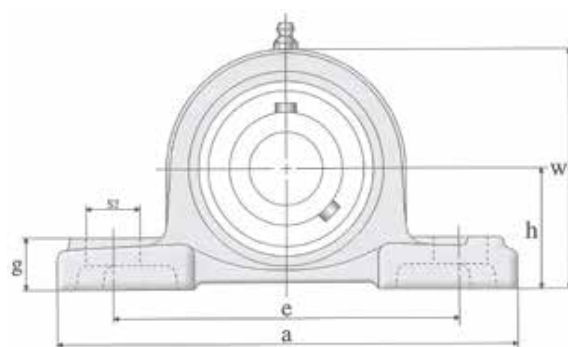
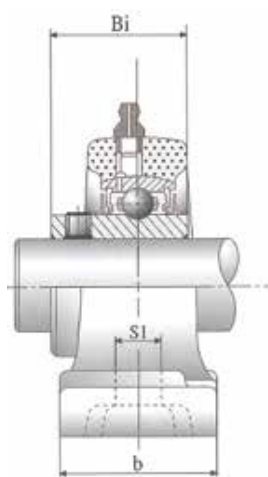
Excellent for use in food processing, beverage and other high-corrosive applications, these bearings are 100% stainless throughout: housing, balls, inner and outer races, cages, slingers and set screws.

Tolerance for SS bearing inner rings								
Nominal Bore DIA (mm.)		Bore diameter				Width		Radial run-out
		dm. Deviations		d Deviations		B Deviations		
over	incl.	high	low	high	low	high	low	max.
18	30	+21	0	+25	-4	0	-120	18
30	50	+25	0	+30	-5	0	-120	20

SP

Designation example

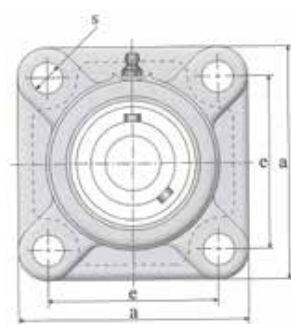
SP — Housing type
SSUC — Bearing type
204 — Size



Housing number	Shaft diameter	Dimensions (mm)										Weight
	mm.	Da	h	a	e	b	S1	S2	g	w	Bi	(Kg.)
SP204	20	47	33,3	126	95	38	12,8	18,9	15,1	65,1	31	0,9
SP205	25	52	36,5	140	105	38	13,1	19,1	16	70	34,1	0,95
SP206	30	62	42,9	165	121	48	17	21,3	18	83	38,1	1,6
SP207	35	72	47,6	167	127	48	14,2	22	19	94	42,9	1,9
SP208	40	80	49,2	184	136,5	54	16,8	23	19	100	49,2	2,4
SP209	45	85	54,0	190	146	54	16,8	20,8	20	109	49,2	2,7
SP210	50	90	57,2	206	159	60	19,9	25	22	114	51,6	3,1

- Stainless Steel pillow blocks.
- Caps + back seal not available

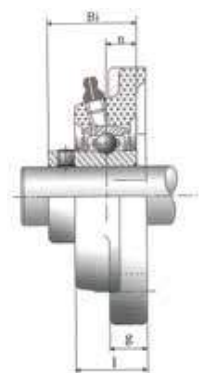
Designation example
SF — Housing type
SSUC — Bearing type
204 — Size



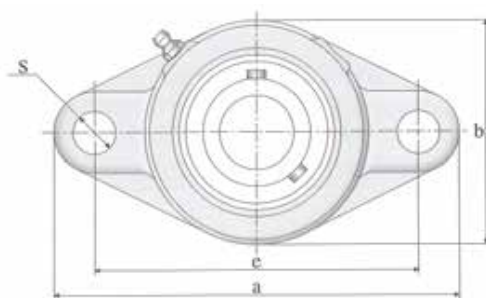
SF

Housing number	Shaft diameter	Dimensions (mm)								Weight (Kg.)
	mm.	Da	a	e	i	l	g	s	Bi	
SF204	20	47	86	63,5	15,1	25,4	12	11	33,4	0,63
SF205	25	52	95	70	15,9	27	14	12	35,7	0,85
SF206	30	62	108	82,5	17,9	30	14	12	40,1	1,17
SF207	35	72	117,5	92	19,1	33	14,3	14	44,5	1,51
SF208	40	80	130	101,6	21	36	14,3	16	51,2	2
SF209	45	85	137	104,8	21,8	38	14,3	16	52	2,2
SF210	50	90	143	111	21,8	39	15,1	16	54,4	2,4

- Stainless Steel 4-hole flange.
- Caps + back seal not available



Designation example
SFL — Housing type
SSUC — Bearing type
204 — Size



SFL

Housing number	Shaft diameter	Dimensions (mm)									Weight
	mm.	Da	a	e	i	b	l	g	s	Bi	(Kg.)
SFL204	20	47	112	90	15.1	60	25.4	11.5	12	31	0.5
SFL205	25	52	125	99	15.9	68	27	13	16	34.1	0.65
SFL206	30	62	141	117	17.9	80	30	13	16	38.1-	0.9
SFL207	35	72	155.5	130	19.1	90	33	14.3	16	42.9	1.2
SFL208	40	80	171.5	144	2	100	36	14.3	16	49.2	1.6
SFL209	45	85	179	148	21.	108	37	14.3	19	49.2	1.8
SFL210	50	90	189	157	21.8	115	38	15.1	19	51.6	2.1

- Stainless Steel 2-hole flange.
- Caps + back seal not available

