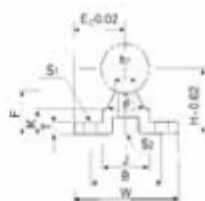


SBR

Material : Aluminum Alloy

Application: Most suitable for Heavy Load & larger lengths



Model No.	Shaft diameter	Main Dimensions										Mounting dimensions					Weight kg/m
		H	E	W	L	F	T	K	J	h1	θ	B	N	P	S1	S2	
SBR 16	16	25	20	40	4000	17.8	5	11.7	18.5	8	80°	30	75	150/200	5.5	M5	1.600
SBR 20	20	27	22.5	45	4000	17.7	5	10	19	8	50°	30	75	150/200	5.5	M6	1.625
SBR 25	25	33	27.5	55	4000	21	6	12	21.5	8	50°	35	100	200	6.5	M6	2.350
SBR 30	30	37	30	60	4000	22.8	7	13	26.5	10.3	50°	40	100	200	6.5	M8	2.940
SBR 35	35	43	32.5	65	6000	26.5	8	15.5	28	13	50°	45	100	200	9	M8	3.550
SBR 40	40	48	37.5	75	4000	29.4	9	17	38	15.5	50°	55	150	300	9	M8	5.200
SBR 50	50	67	55	110	4000	43.34	12	25	47.5	17.61	50°	75	150	300	13	M10	6.377

Helical / Straight


 $\alpha=20^\circ$

Rack and Pinions

Special Note

The racks are according to the characters of high precision:

-With the whole length of 2000mm, unstraight degree can not exceed within 0.20mm, no matter the measurement is taken at any place of the rack.

-Unvertically of each vertical plane of the rack is less than 0.20mm.-Smooth finished of each side is 0.8 and over.-Error added up to circumferential pitch of any teeth is less than 0.20mm.

C45

Mod	L=250 AXB	L=500 AXB	L=1000 AXB	L=2000 AXB
1	15X15	15X15	15X15	15X15
1.5	17X17	17X17	17X17	17X17
2	20X20	20X20	20X20	20X20
2.5	25X25	25X25	25X25	25X25
3	30X30	30X30	30X30	30X30
4	-	-	22X22	22X22
4	-	-	25X254	25X254
4	-	30X30	30X30	30X30
4	40X40	40X40	40X40	40X40
5	50X50	50X50	50X50	50X50
6	-	60X60	60X60	60X60
8	-	-	80X80	80X80

SBR

Material : Aluminum Alloy

Application: Most suitable for Heavy Load & larger lengths



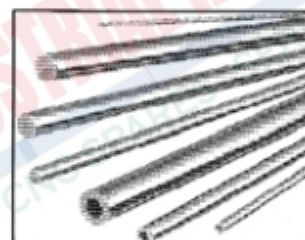
Model No.	Shaft diameter	Main Dimensions										Mounting dimensions					Weight kg/m
		H	E	W	L	F	T	K	J	h1	θ	B	N	P	S1	S2	
SBR 16	16	25	20	40	4000	17.8	5	11.7	18.5	8	80°	30	75	150/200	5.5	M5	1.600
SBR 20	20	27	22.5	45	4000	17.7	5	10	19	8	50°	30	75	150/200	5.5	M6	1.625
SBR 25	25	33	27.5	55	4000	21	6	12	21.5	8	50°	35	100	200	6.5	M6	2.350
SBR 30	30	37	30	60	4000	22.8	7	13	26.5	10.3	50°	40	100	200	6.5	M8	2.940
SBR 35	35	43	32.5	65	6000	26.5	8	15.5	28	13	50°	45	100	200	9	M8	3.550
SBR 40	40	48	37.5	75	4000	29.4	9	17	38	15.5	50°	55	150	300	9	M8	5.200
SBR 50	50	67	55	110	4000	43.34	12	25	47.5	17.61	50°	75	150	300	13	M10	6.377

Case Hardened Chrome Plated Shaft

Material : SUJ2 (High carbon chromium bearing steel)

Treatment : Induction hardened, ground & chrome plated with surface roughness less than 1.5s

Hardness : HRC 62 ± 2



Diameter	Model No.	Diameter Tolerance g6	Max length L	Depth of effective hardened layer	Weight
mm	SCF	μm	mm	mm	kg/m
3	SCF 3	-0.004	1000	1.5 and above	0.06
4	SCF 4		1000		0.10
5	SCF 5		1000		0.16
6	SCF 6	-0.005	3000		0.23
8	SCF 8		5000		0.40
10	SCF 10		5000		0.62
12	SCF 12	-0.006	6000		0.89
13	SCF 13		6000		1.05
16	SCF 16		6000	2.0 and above	1.58
20	SCF 20	-0.007	6000		2.47
25	SCF 25		6000		3.85
30	SCF 30	-0.020	6000	2.5 and above	5.55
35	SCF 35		6000		7.55
40	SCF 40		6000	3.0 and above	9.87
50	SCF 50	-0.009	6000		15.41
60	SCF 60		6000		22.20
80	SCF 80		6000		39.46
100	SCF 100	-0.012	6000		61.66
		-0.034	6000		