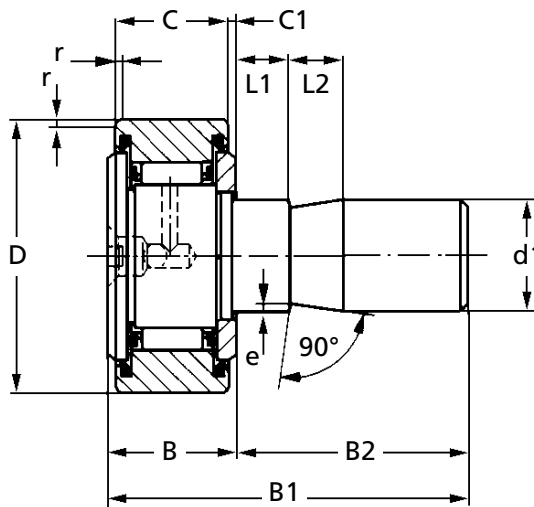
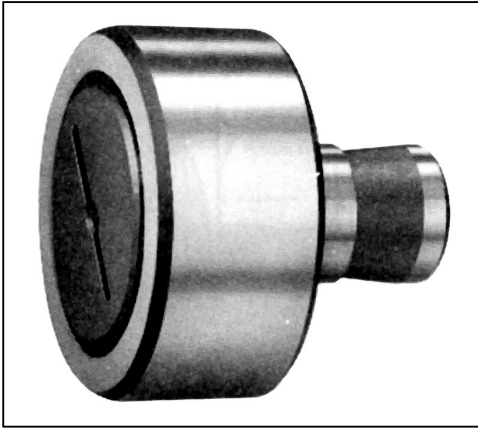


CF-SFU

BEARINGS

Easy Mounting Type Cam Followers

Stud Diameter 6 - 20mm

**Discounts: 20+ -8.5%**

Part Number	Weight (Ref.) g	Mounting Dimension f Min. mm	Basic Dynamic Load Rating C N	Basic Static Load Rating Co N	Max. Allowable Load N
CF-SFU-6	19.5	11	3628	3628	1961
CF-SFU-8	29.0	13	4216	4707	4609
CF-SFU-10	44.0	16	5393	6864	6864
CF-SFU-10-1	59.0	16	5393	6864	6864
CF-SFU-12	94.0	21	7943	9806	9806
CF-SFU-12-1	104.0	21	7943	9806	9806
CF-SFU-16	164.0	26	12062	18338	18338
CF-SFU-18	235.0	29	14709	25203	25203
CF-SFU-20	435.0	34	20692	34617	32165
CF-SFU-20-1	360.0	34	20692	34617	32165

Part Number	d1 Stud Dia. mm	d1 Tolerance	D	C	t (min.)	h (min.)	B max.	B1 max.	B2	C1	L1	L2	e	r min(1)	Price Each 1 - 19
CF-SFU-6	6	+0.012/0	16	11	20	10	12.2	32.0	19.8	0.6	5	10	0.3	0.3	£31.69
CF-SFU-8	8	+0.015/0	19	11	20	10	12.2	32.0	19.8	0.6	5	10	0.5	0.3	£32.17
CF-SFU-10	10	+0.015/0	22	12	20	10	13.2	33.0	19.8	0.6	5	10	0.5	0.3	£34.28
CF-SFU-10-1	10	+0.015/0	26	12	20	10	13.2	33.0	19.8	0.6	5	10	0.5	0.3	£35.73
CF-SFU-12	12	+0.018/0	30	14	20	10	15.2	35.0	19.8	0.6	5	10	1.0	0.6	£43.43
CF-SFU-12-1	12	+0.018/0	32	14	20	10	15.2	35.0	19.8	0.6	5	10	1.0	0.6	£45.03
CF-SFU-16	16	+0.018/0	35	18	25	15	19.6	44.5	24.9	0.8	10	10	1.0	0.6	£41.23
CF-SFU-18	18	+0.018/0	40	20	25	15	21.6	46.5	24.9	0.8	10	10	1.0	1.0	£48.34
CF-SFU-20	20	+0.021/0	52	24	25	15	25.6	50.5	24.9	0.8	10	10	1.0	1.0	£66.02
CF-SFU-20-1	20	+0.021/0	47	24	25	15	25.6	50.5	24.9	0.8	10	10	1.0	1.0	£57.25

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ondrives

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Product information updated 1st April 2011 and subject to change. Please contact Sales for the latest prices and availability.

BEARINGS

CF-SFU

Easy Mounting Type Cam Followers

Stud Diameter 6 - 20mm

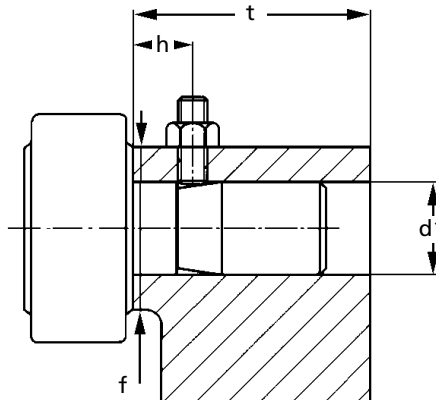


Table 1: Track Capacity

Type: metric series (§§) Cam Followers			
Part No.(§) With Crowned Outer Ring	Track Capacity N	Part No.(§) With Cylindrical Outer Ring	Track Capacity N
-	-	CF-SFU-6	3432
-	-	CF-SFU-8	4020
-	-	CF-SFU-10	4707
-	-	CF-SFU-10-1	5491
-	-	CF-SFU-12	7060
-	-	CF-SFU-12-1	7453
-	-	CF-SFU-16	11179
-	-	CF-SFU-18	14415
-	-	CF-SFU-20	23241
-	-	CF-SFU-20-1	20986

Table 2: Track Capacity Factor

Hardness HRC	Tensile Strength N/mm ²	Track Capacity Factor	
		With Crowned Outer Ring	With Cylindrical Outer Ring
20	755	0.22	0.37
25	843	0.31	0.46
30	951	0.45	0.58
35	1078	0.65	0.75
38	1176	0.85	0.89
40	1245	1.00	1.00
42	1333	1.23	1.15
44	1431	1.52	1.32
46	1529	1.85	1.51
48	1637	2.27	1.73
50	1755	2.80	1.99
52	1882	3.46	2.29
54	2010	4.21	2.61
56	2147	5.13	2.97
58	2294	6.26	3.39

Track capacity is defined as the load which can be continuously applied on a Cam Follower placed on a steel track surface without causing deformation and indentation (dent) on the track surface. The track capacities shown in Table 1 are applicable when the hardness of the mating track surface differs from HRC40, the track capacity is obtained by multiplying the value with a track capacity factor shown in Table 2.

If lubrication between the outer ring and the mating track surface is insufficient, seizure and/or wear may occur depending on the application. Therefore, it is suggested that attention should be paid to both lubrication and surface roughness of the mating track especially in case of high speed rotation such as cam mechanisms.

Allowable Rotational Speed is affected by mounting and operating conditions. The $d_1 \cdot n$ values in general operation under pure radial load are shown below for reference. It is recommended to use 1/10 of the table values in actual applications taking account of axial loads that may be applied.

$d_1 \cdot n$ Values where d_1 = Stud Diameter (mm) and n = Number of Rotations per minute (Rpm)

Max $d_1 \cdot n$ Values With cage Type = 84,000 $d_1 \cdot n$ (with grease lubricant); Full Complement Type = 42,000 $d_1 \cdot n$ (with grease lubricant)

Material

Carbon Steel. **Seals:** special synthetic rubber assembled in the outer ring.

Other Info.

Screwdriver slot for mounting only available while stocks last. New stocks will feature hexagon sockets.

Notes

(1) Minimum allowable value of chamfer "r".

(§) It is also applicable to Full complement type, with hexagon hole type and sealed type.

(§§) Only representative types are shown in the table, but applicable to all metric sizes.