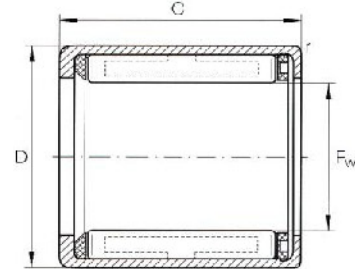




Drawn cup roller clutches



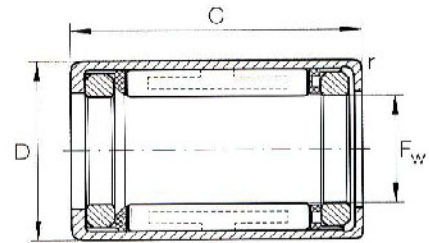
Dimension table . Dimensions in mm

Shaft diameter	Designation	Mass ≈ g	Dimensions				Permissible torque $M_{d\text{perm}}$ Nm	Limiting Speed ¹⁾		Suitable drawn cup bearing for radial support ⁴⁾
			F_w	D	C -0.25	r min.		n_{GW}^2 min ⁻¹	n_{GA}^3 min ⁻¹	
4	HF 0406	1	4	8	6	0.3	0.34	32 300	7 600	HK 0408
6	HF 0612	3	6	10	12	0.3	1.76	21 850	12 350	HK 0608
8	HF 0812	3.5	8	12	12	0.3	3.15	16 150	11 400	HK 0808
10	HF 1012	4	10	14	12	0.3	5.3	13 300	10 450	HK 1010
12	HF 1216	11.6	12	18	16	0.3	12.2	10 450	7 600	HK 1212
14	HF 1416	13	14	20	16	0.3	17.3	9 025	7 600	HK 1412
16	HF 1616	14	16	22	16	0.3	20.5	8 075	7 125	HK 1612
18	HF 1816	15.5	18	24	16	0.3	24.1	7 125	7 125	HK 1812
20	HF 2016	17	20	26	16	0.3	28.5	6 650	6 175	HK 2010
25	HF 2520	30.9	25	32	20	0.3	66	5 225	5 225	HK 2512
30	HF 3020	36	30	37	20	0.3	90	4 275	4 275	HK 3012
35	HF 3520	40	35	42	20	0.3	121	3 705	3 705	HK 3512

- 1) The limiting speeds are valid for both grease and oil lubrication.
- 2) Limiting speed for rotating shaft.
- 3) Limiting speed for rotating outer ring.
- 4) For other sizes and sealed versions.



Drawn cup roller clutch and bearing assemblies



Dimension table . Dimensions in mm

Shaft diameter	Designation	Mass ≈ g	Dimensions				Permissible torque M_{dperm} Nm	Limiting Speed ¹⁾		Permissible radial load ⁴⁾ F_{rmax} N	Limiting load/speed $(F_r \cdot N)_{max^4}$ N/min	Basic load ratings	
			F_w	D	C	r		$n_{GW}^{2)}$ min ⁻¹	$n_{GA}^{3)}$ min ⁻¹			dyn. C N	stat. C _o N
4	HFL 0408	1.6	4	8	8	0.3	0.34	32 300	7 600	80	15 200	-	-
6	HFL 0615	4	6	10	15	0.3	1.76	21 850	12 350	110	17 100	-	-
8	HFL 0822	7	8	12	22	0.3	3.15	16 150	11 400	-	-	3 325	3 895
10	HFL 1022	8	10	14	22	0.3	5.3	13 300	10 450	-	-	3 562	4 417
12	HFL 1226	18	12	18	26	0.3	12.2	10 450	7 600	-	-	5 510	6 365
14	HFL 1426	20	14	20	26	0.3	17.3	9 025	7 600	-	-	5 985	7 410
16	HFL 1626	22	16	22	26	0.3	20.5	8 075	7 125	-	-	6 555	8 550
18	HFL 1826	25	18	24	26	0.3	24.1	7 125	7 125	-	-	7 030	9 690
20	HFL 2026	27	20	26	26	0.3	28.5	6 650	6 175	-	-	7 505	10 830
25	HFL 2530	44	25	32	30	0.3	66	5 225	5 225	-	-	9 310	13 300
30	HFL 3030	51	30	37	30	0.3	90	4 275	4 275	-	-	10 260	16 055
35	HFL 3530	58	35	42	30	0.3	121	3 705	3 705	-	-	10 830	17 860

- 1) Limiting speeds valid for both grease and oil lubrication.
- 2) Limiting speed for rotating shaft.
- 3) Limiting speed for rotating outer ring.
- 4) Drawn cup roller clutches with plain bearing assembly: during operation, the product of the actual speed n and radial load F_r must not exceed the stated operating limit $(F_r \cdot n)_{max}$. The operating limits are determined by the stated limiting speed and the permissible radial load.
- 5) Drawn cup roller clutches with rolling bearing assembly.
- 6) No arrow on end face.