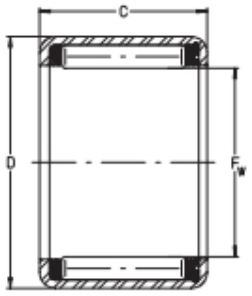
Drawn Cup Roller Clutches

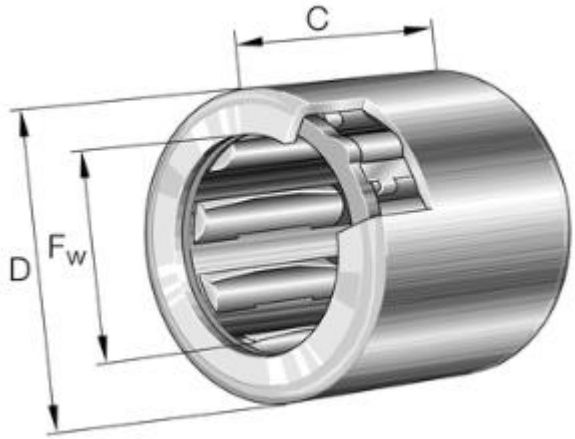
HF, HF..KF, HFZ, HFZ..KF SERIES

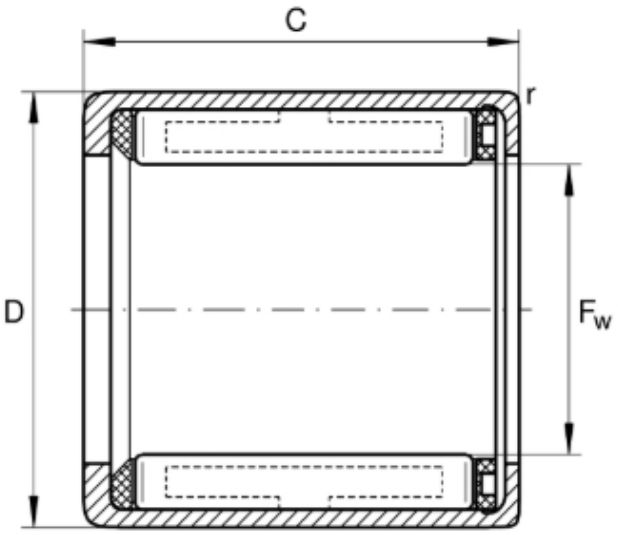


- Inch and metric
- Small radial cross sections – match shell bearings
- Transmit torque in one direction
- Overrun in opposite direction
- Accepts no radial loads
- Plastic cage with stainless steel springs
- Plastic cage and springs – suffix KF

For details on part numbers, descriptive suffixes and various technical references, please refer to front of this section.
For engineering or technical information contact your local sales representative or call Distributor Sales (800)523-6572.

PART NUMBER	SHAFT F_w inch	SHAFT F_w mm	OD D inch	OD D mm	WIDTH C inch	WIDTH C mm	WEIGHT lbs	WEIGHT g	TORQUE LIMIT in-lbf	TORQUE LIMIT Nm	SPEED LIMIT OUTER rpm	SPEED LIMIT SHAFT rpm
HF 0306 KF	0.118	3	0.256	6.5	0.236	6	0.002	1	1.6	0.18	8000	45000
HF 0406 KF	0.157	4	0.315	8	0.236	6	0.002	1	3.1	0.34	8000	34000
HF 0612	0.236	6	0.394	10	0.472	12	0.007	3	15.8	1.76	13000	23000
HF 0612 KF	0.236	6	0.394	10	0.472	12	0.007	3	15.8	1.76	13000	23000
HFZ 040708	0.25	6.35	0.438	11.112	0.5	12.7	0.009	4	18.6	2.1	12000	21000
HFZ 040708 KF	0.25	6.35	0.438	11.112	0.5	12.7	0.009	4	18.6	2.1	12000	21000
HF 0812	0.315	8	0.472	12	0.472	12	0.008	3.5	28.3	3.15	12000	17000
HF 0812 KF	0.315	8	0.472	12	0.472	12	0.008	3.5	28.3	3.15	12000	17000
HFZ 061008	0.375	9.525	0.625	15.875	0.5	12.7	0.021	9.7	50.4	5.7	12000	14000
HF 1012	0.394	10	0.551	14	0.472	12	0.009	4	47.6	5.3	11000	14000
HF 1012 KF	0.394	10	0.551	14	0.472	12	0.009	4	47.6	5.3	11000	14000
HF 1216	0.472	12	0.709	18	0.63	16	0.024	11	110	12.2	8000	11000
HFZ 081208	0.5	12.7	0.75	19.05	0.5	12.7	0.021	9.7	85.9	9.7	9000	11000
HF 1416	0.551	14	0.787	20	0.63	16	0.029	13	155	17.3	8000	9500
HFZ 101410	0.625	15.875	0.875	22.225	0.625	15.875	0.033	15	175.2	19.8	5000	8500
HF 1616	0.63	16	0.866	22	0.63	16	0.031	14	184	20.5	7500	8500
HF 1816	0.709	18	0.945	24	0.63	16	0.035	16	217	24.1	7500	7500
HF 2016	0.787	20	1.024	26	0.63	16	0.037	17	256	28.5	6500	7000
HF 2520	0.984	25	1.26	32	0.787	20	0.066	30	593	66	5500	5500
HFZ 162110	1	25.4	1.313	33.35	0.625	15.875	0.066	30	442.5	50	3000	5000
HF 3020	1.181	30	1.457	37	0.787	20	0.079	36	809	90	4500	4500
HF 3520	1.378	35	1.654	42	0.787	20	0.088	40	1087	121	3900	3900

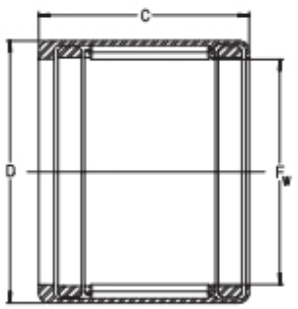




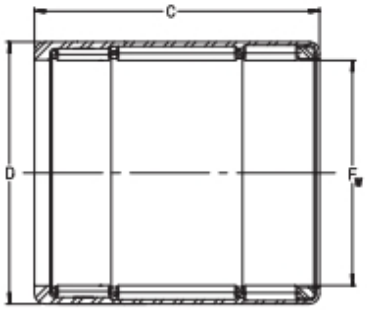
Drawn Cup Roller Clutch And Bearing Assemblies

HFL, HFL..KF, HFLZ SERIES

- With bearing supports
- Inch and metric
- Accepts radial loads
- Plastic cage with stainless steel springs
- Plastic cage and springs – suffix KF



HFL, HFL..KF PLAIN BEARINGS



HFLZ, HFL, HFL..KF ROLLER BEARINGS

For details on part numbers, descriptive suffixes and various technical references, please refer to front of this section.
For engineering or technical information contact your local sales representative or call Distributor Sales (800)523-6572.

PLAIN BEARING SUPPORT

PART NUMBER	SHAFT F_w inch	SHAFT F_w mm	OD D inch	OD D mm	WIDTH C inch	WIDTH C mm	WEIGHT lbs	WEIGHT g	TORQUE LIMIT in-lbf	TORQUE LIMIT Nm	LOAD LIMIT lbf	LOAD LIMIT N	LOAD SPEED LIMIT lbf/min	LOAD SPEED LIMIT N/min	SPEED LIMIT OUTER rpm	SPEED LIMIT SHAFT rpm
HFL 0308 KF	0.118	3	0.256	6.5	0.315	8	0.003	1.4	1.59	0.18	13	60	3600	16000	8000	45000
HFL 0408 KF	0.157	4	0.315	8	0.315	8	0.004	1.6	3.01	0.34	18	80	3600	16000	8000	34000
HFL 0615 KF	0.236	6	0.394	10	0.591	15	0.009	4	15.58	1.76	25	110	4050	18000	13000	23000
HFL 0615	0.236	6	0.394	10	0.591	15	0.009	4	15.58	1.76	25	110	4050	18000	13000	23000

ROLLING ELEMENT BEARING SUPPORT

PART NUMBER	SHAFT F_w inch	SHAFT F_w mm	OD D inch	OD D mm	WIDTH C inch	WIDTH C mm	WEIGHT lbs	WEIGHT g	TORQUE LIMIT in-lbf	TORQUE LIMIT Nm	DYN. CAP. lbf	DYN. CAP. N	STAT. CAP. lbf	STAT. CAP. N	SPEED LIMIT OUTER rpm	SPEED LIMIT SHAFT rpm
HFL 0822 KF	0.315	8	0.472	12	0.866	22	0.015	7	27.9	3.15	910	4050	930	4150	12000	17000
HFL 0822	0.315	8	0.472	12	0.866	22	0.015	7	27.9	3.15	910	4050	930	4150	12000	17000
HFLZ 061014	0.375	9.525	0.625	15.875	0.875	22.225	0.031	14	50.4	5.7	1350	6000	1240	5500	12000	14000
HFL 1022 KF	0.394	10	0.551	14	0.866	22	0.018	8	46.9	5.3	970	4300	1050	4650	11000	14000
HFL 1022	0.394	10	0.551	14	0.866	22	0.018	8	46.9	5.3	970	4300	1050	4650	11000	14000
HFL 1226	0.472	12	0.709	18	1.024	26	0.04	18	108	12.2	1420	6300	1460	6500	8000	11000
HFLZ 081214	0.5	12.7	0.75	19.05	0.875	22.225	0.038	17	85.9	9.7	1480	6600	1550	6900	9000	11000
HFL 1426	0.551	14	0.787	20	1.024	26	0.044	20	153	17.3	1600	7100	1730	7700	8000	9500
HFLZ 101416	0.625	15.875	0.875	22.225	1	25.4	0.051	23	175.2	19.8	1720	7700	1890	8400	5000	8500
HFL 1626	0.63	16	0.866	22	1.024	26	0.049	22	181	20.5	1730	7700	2020	9000	7500	8500
HFL 1826	0.709	18	0.945	24	1.024	26	0.055	25	213	24.1	1870	8300	2320	10300	7500	7500
HFL 2026	0.787	20	1.024	26	1.024	26	0.06	27	252	28.5	2000	8900	2590	11500	6500	7000
HFL 2530	0.984	25	1.26	32	1.181	30	0.097	44	584	66	2450	10900	3170	14100	5500	5500
HFL 3030	1.181	30	1.457	37	1.181	30	0.112	51	797	90	2830	12600	3960	17600	4500	4500
HFL 3530	1.378	35	1.654	42	1.181	30	0.128	58	1071	121	2920	13000	4340	19300	3900	3900



