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Fenner®

HRC KYTKIMET

Sähkömoottoreihin

HRC 070 G

Kytkelementti

- Helppo ja nopea asennus
- Saatavana myöskin antistaattisena
- Erinomainen suorituskyky edullisesti



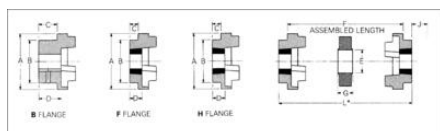
TUOTEKUVAUS

HRC kytkimet ovat joustavia ja ne on helppo ja nopea asentaa paikalleen, esimerkiksi Taper-Lock -holkeilla. Ne soveltuvat siksi erinoimaisesti sähkömoottorien kanssa käytettäväksi. Saatavilla myös esiporattuna. HRC kytкимиä on myöskin saatavana palonkestävänä ja antistaattisena.

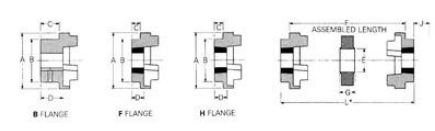
TEKNISET TIEDOT

TIEDOT

A	69 mm
B	60 mm
E	31 mm
F	25 mm
G	18 mm
Koko	70



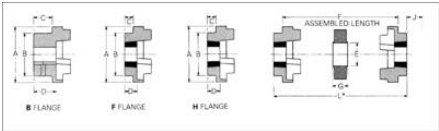
Speed rpm/min	Coupling Size									
	70	90	110	130	150	180	230	280	350	450
100	0.33	0.84	1.68	3.36	6.72	9.96	20.90	33.00	49.50	74.25
200	0.66	1.68	3.36	6.72	13.44	19.92	41.80	66.00	99.00	148.50
400	1.32	3.36	6.72	13.44	26.88	39.84	83.60	132.00	198.00	297.00
600	1.98	5.04	10.08	20.16	40.32	59.76	125.40	198.00	297.00	445.50
720	2.37	6.03	12.06	24.12	48.24	71.76	150.48	231.00	346.50	519.75
900	2.97	7.56	15.12	30.24	60.48	90.36	188.10	283.50	425.25	623.25
1100	3.58	9.12	18.24	36.48	72.96	108.48	225.72	338.25	507.38	747.90
1300	4.19	10.68	21.36	42.72	85.44	127.56	263.34	395.88	592.95	869.25
1500	4.79	12.24	24.48	48.96	97.92	146.64	300.96	451.50	677.25	1000.50
1800	5.78	14.76	29.52	59.04	118.08	175.92	361.08	542.25	812.63	1203.94
2000	6.39	16.32	32.64	65.28	130.56	194.88	400.32	602.25	903.38	1339.50
2200	7.00	17.88	35.76	71.52	143.04	213.84	439.56	662.25	994.00	1475.00
2400	7.61	19.44	38.88	77.76	155.52	232.80	478.80	722.25	1084.63	1610.50
2600	8.22	21.00	42.00	84.00	168.00	251.76	518.04	781.25	1175.25	1746.00
2800	8.83	22.56	45.12	90.24	180.48	270.72	557.28	840.25	1265.88	1881.50
3000	9.44	24.12	48.24	96.48	192.96	289.68	596.52	899.25	1356.50	2017.00
3600	11.66	29.52	59.04	118.08	236.16	355.44	728.16	1093.50	1640.63	2462.25
Nominal Torque (Nm)	31.5	80	160	315	600	900	2000	3150	4725	7087.5
Max Torque (Nm)	72	180	360	720	1500	2250	5000	7500	11250	17437.5



PHYSICAL DIMENSIONS AND CHARACTERISTICS									
Size	Common Dimensions					Type F & H			
	A	B	E	F	G	Bush mm	Max. Bore mm	C	D
70	69	60	31	25.0	18.0	1008	25	17	20.0
90	85	70	32	30.5	22.0	1108	28	19	23.5
110	112	100	48	45.0	29.0	1810	42	19	28.5
130	130	105	50	53.0	36.0	1610	42	19	30.0
150	150	115	62	60.0	40.0	2010	50	2	33.5
180	180	125	77	73.0	49.0	2517	60	7	34.5
230	225	155	88	88.5	59.0	3020	75	3	38.5
280	275	200	119	105.5	74.5	3025	100	4	51.0

1. All the strength values are indicated for tightening/loosening the bush on the shaft. A shortened version will allow this dimension to be reduced.
2. F.F. refers to combinations of Torques: FF FH, FH FF, FF FF, FF FF.
Bore limits M10 unless otherwise specified.

Size	Assembled Length (L*)			Mass kg	Inertia I _{xx} kgm ²	Dynamic Stiffness N/mm	Maximum Misalignment		Nominal Torque (Nm)
	FF FH	FH HH	FF HH				Parallel	Axial	
70	65.0	65.0	65.0	1.00	0.00066	—	0.3	+0.2	31
90	85.5	78.5	181.5	1.78	0.00115	—	0.3	+0.5	80
110	85.0	100.0	119.0	5.00	0.00400	60	0.3	+0.8	180
130	85.0	100.0	121.0	5.48	0.00780	120	0.4	+0.8	215
150	107.0	129.5	152.0	11	0.01810	175	0.4	+0.9	600
180	142.0	165.5	188.0	16.60	0.04340	225	0.4	+1.1	950
230	164.5	202.0	235.5	26.00	0.12080	285	0.5	+1.3	2000
280	207.5	248.5	286.5	50.00	0.44600	305	0.5	+1.7	3100



Speed rpm/min	Coupling Size									
	70	90	110	130	150	180	230	280		
100	0.33	0.84	1.68	3.36	6.28	9.96	20.90	33.00		
200	0.80	1.86	3.76	7.60	14.60	22.60	47.80	75.00		
400	1.52	3.76	7.52	15.20	29.20	45.20	95.60	150.00		
600	1.86	4.60	9.20	18.40	36.80	55.60	116.00	186.00		
720	2.37	6.03	12.10	23.80	46.20	71.60	151.00	238.00		
800	2.96	7.52	15.04	30.08	60.16	92.16	190.40	296.00		
900	3.17	8.04	16.10	31.70	63.40	95.90	201.00	313.00		
1000	3.76	9.52	19.04	38.08	76.16	114.24	239.20	376.00		
1100	4.76	12.16	24.32	47.60	95.60	143.60	299.20	476.00		
1200	5.24	13.42	26.80	52.80	105.60	159.60	329.60	524.00		
1300	5.91	15.12	30.20	59.40	117.00	177.00	373.00	591.00		
1400	6.60	16.80	33.60	66.00	128.00	196.00	418.00	660.00		
1500	7.29	18.45	36.90	72.90	139.00	215.00	463.00	729.00		
1600	7.92	20.10	40.20	79.20	150.00	234.00	508.00	792.00		
1800	8.58	21.80	43.60	85.60	165.00	255.00	553.00	858.00		
2000	9.20	23.50	47.00	92.00	180.00	276.00	598.00	920.00		
2200	9.80	25.12	50.20	98.00	195.00	297.00	643.00	980.00		
2400	10.40	26.80	53.60	104.00	210.00	318.00	688.00	1040.00		
2600	11.00	28.42	56.80	110.00	225.00	339.00	733.00	1100.00		
2800	11.60	30.08	60.16	116.00	240.00	360.00	778.00	1160.00		
3000	12.16	31.70	63.40	121.60	255.00	381.00	823.00	1216.00		
3200	12.76	33.32	66.60	127.60	270.00	402.00	868.00	1276.00		
3400	13.36	34.94	69.80	133.60	285.00	423.00	913.00	1336.00		
3600	13.96	36.56	73.10	139.60	300.00	444.00	958.00	1396.00		
3800	14.56	38.18	76.30	145.60	315.00	465.00	1003.00	1456.00		
4000	15.16	39.80	79.50	151.60	330.00	486.00	1048.00	1516.00		
4200	15.76	41.42	82.70	157.60	345.00	507.00	1093.00	1576.00		
4400	16.36	43.04	85.90	163.60	360.00	528.00	1138.00	1636.00		
4600	16.96	44.66	89.10	169.60	375.00	549.00	1183.00	1696.00		
4800	17.56	46.28	92.30	175.60	390.00	570.00	1228.00	1756.00		
5000	18.16	47.90	95.50	181.60	405.00	591.00	1273.00	1816.00		
5200	18.76	49.52	98.70	187.60	420.00	612.00	1318.00	1876.00		
5400	19.36	51.14	101.90	193.60	435.00	633.00	1363.00	1936.00		
5600	19.96	52.76	105.10	199.60	450.00	654.00	1408.00	1996.00		
5800	20.56	54.38	108.30	205.60	465.00	675.00	1453.00	2056.00		
6000	21.16	56.00	111.50	211.60	480.00	696.00	1498.00	2116.00		
6200	21.76	57.62	114.70	217.60	495.00	717.00	1543.00	2176.00		
6400	22.36	59.24	117.90	223.60	510.00	738.00	1588.00	2236.00		
6600	22.96	60.86	121.10	229.60	525.00	759.00	1633.00	2296.00		
6800	23.56	62.48	124.30	235.60	540.00	780.00	1678.00	2356.00		
7000	24.16	64.10	127.50	241.60	555.00	801.00	1723.00	2416.00		
7200	24.76	65.72	130.70	247.60	570.00	822.00	1768.00	2476.00		
7400	25.36	67.34	133.90	253.60	585.00	843.00	1813.00	2536.00		
7600	25.96	68.96	137.10	259.60	600.00	864.00	1858.00	2596.00		
7800	26.56	70.58	140.30	265.60	615.00	885.00	1903.00	2656.00		
8000	27.16	72.20	143.50	271.60	630.00	906.00	1948.00	2716.00		
8200	27.76	73.82	146.70	277.60	645.00	927.00	1993.00	2776.00		
8400	28.36	75.44	149.90	283.60	660.00	948.00	2038.00	2836.00		
8600	28.96	77.06	153.10	289.60	675.00	969.00	2083.00	2896.00		
8800	29.56	78.68	156.30	295.60	690.00	990.00	2128.00	2956.00		
9000	30.16	80.30	159.50	301.60	705.00	1011.00	2173.00	3016.00		
9200	30.76	81.92	162.70	307.60	720.00	1032.00	2218.00	3076.00		
9400	31.36	83.54	165.90	313.60	735.00	1053.00	2263.00	3136.00		
9600	31.96	85.16	169.10	319.60	750.00	1074.00	2308.00	3196.00		
9800	32.56	86.78	172.30	325.60	765.00	1095.00	2353.00	3256.00		
10000	33.16	88.40	175.50	331.60	780.00	1116.00	2398.00	3316.00		
10200	33.76	90.02	178.70	337.60	795.00	1137.00	2443.00	3376.00		
10400	34.36	91.64	181.90	343.60	810.00	1158.00	2488.00	3436.00		
10600	34.96	93.26	185.10	349.60	825.00	1179.00	2533.00	3496.00		
10800	35.56	94.88	188.30	355.60	840.00	1200.00	2578.00	3556.00		
11000	36.16	96.50	191.50	361.60	855.00	1221.00	2623.00	3616.00		
11200	36.76	98.12	194.70	367.60	870.00	1242.00	2668.00	3676.00		
11400	37.36	99.74	197.90	373.60	885.00	1263.00	2713.00	3736.00		
11600	37.96	101.36	201.10	379.60	900.00	1284.00	2758.00	3796.00		
11800	38.56	102.98	204.30	385.60	915.00	1305.00	2803.00	3856.00		
12000	39.16	104.60	207.50	391.60	930.00	1326.00	2848.00	3916.00		
12200	39.76	106.22	210.70	397.60	945.00	1347.00	2893.00	3976.00		
12400	40.36	107.84	213.90	403.60	960.00	1368.00	2938.00	4036.00		
12600	40.96	109.46	217.10	409.60	975.00	1389.00	2983.00	4096.00		
12800	41.56	111.08	220.30	415.60	990.00	1410.00	3028.00	4156.00		
13000	42.16	112.70	223.50	421.60	1005.00	1431.00	3073.00	4216.00		
13200	42.76	114.32	226.70	427.60	1020.00	1452.00	3118.00	4276.00		
13400	43.36	115.94	229.90	433.60	1035.00	1473.00	3163.00	4336.00		
13600	43.96	117.56	233.10	439.60	1050.00	1494.00	3208.00	4396.00		
13800	44.56	119.18	236.30	445.60	1065.00	1515.00	3253.00	4456.00		
14000	45.16	120.80	239.50	451.60	1080.00	1536.00	3298.00	4516.00		
14200	45.76	122.42	242.70	457.60	1095.00	1557.00	3343.00	4576.00		
14400	46.36	124.04	245.90	463.60	1110.00	1578.00	3388.00	4636.00		
14600	46.96	125.66	249.10	469.60	1125.00	1599.00	3433.00	4696.00		
14800	47.56	127.28	252.30	475.60	1140.00	1620.00	3478.00	4756.00		
15000	48.16	128.90	255.50	481.60	1155.00	1641.00	3523.00	4816.00		
15200	48.76	130.52	258.70	487.60	1170.00	1662.00	3568.00	4876.00		
15400	49.36	132.14	261.90	493.60	1185.00	1683.00	3613.00	4936.00		
15600	49.96	133.76	265.10	499.60	1200.00	1704.00	3658.00	4996.00		
15800	50.56	135.38	268.30	505.60	1215.00	1725.00	3703.00	5056.00		
16000	51.16	137.00	271.50	511.60	1230.00	1746.00	3748.00	5116.00		
16200	51.76	138.62	274.70	517.60	1245.00	1767.00	3793.00	5176.00		
16400	52.36	140.24	277.90	523.60	1260.00	1788.00	3838.00	5236.00		
16600	52.96	141.86	281.10	529.60	1275.00	1809.00	3883.00	5296.00		
16800	53.56	143.48	284.30	535.60	1290.00	1830.00	3928.00	5356.00		
17000	54.16	145.10	287.50	541.60	1305.00	1851.00	3973.00	5416.00		
17200	54.76	146.72	290.70	547.60	1320.00	1872.00	4018.00	5476.00		
17400	55.36	148.34	293.90	553.60	1335.00	1893.00	4063.00	5536.00		
17600	55.96	149.96	297.10	559.60	1350.00	1914.00	4108.00	5596.00		
17800	56.56	151.58	300.30	565.60	1365.00	1935.00	4153.00	5656.00		
18000	57.16	153.20	303.50	571.60	1380.00	1956.00	4198.00	5716.00		
18200	57.76	154.82	306.70	577.60	1395.00	1977.00	4243.00	5776.00		
18400	58.36	156.44	309.90	583.60	1410.00	1998.00	4288.00	5836.00		
18600	58.96	158.06	313.10	589.60	1425.00	2019.00	4333.00	5896.00		
18800	59.56	159.68	316.30	595.60	1440.00	2040.00	4378.00	5956.00		
19000	60.16	161.30	319.50	601.60	1455.00	2061.00	4423.00	6016.00		
19200	60.76	162.92	322.70	607.60	1470.00	2082.00	4468.00	6076.00		
19400	61.36	164.54	325.90	613.60	1485.00	2103.00	4513.00	6136.00		
19600	61.96	166.16	329.10	619.60	1500.00	2124.00	4558.00	6196.00		
19800	62.56	167.78	332.30	625.60	1515.00	2145.00	4603.00	6256.00		
20000	63.16	169.40	335.50	631.60	1530.00	2166.00	4648.00	6316.00		
20200	63.76	171.02	338.70	637.60	1545.00	2187.00	4693.00	6376.00		
20400	64.36	172.64	341.90	643.60	1560.00	2208.00	4738.00	6436.00		
20600	64.96	174.26	345.10	649.60	1575.00	2229.00	4783.00	6496.00		
20800	65.56	175.88	348.30	655.60	1590.00	2250.00	4828.00	6556.00		
21000	66.16	177.50	351.50	661						