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Fenner®

HRC KYTKIMET

Sähkömoottoreihin

HRC 130 G
Kytkinelementti

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



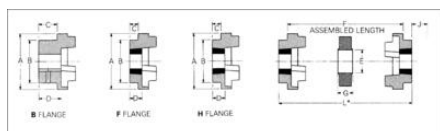
TUOTEKUVAUS

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 kytkimiä on myöskin saatavana palonkestävänä ja antistaattisena.

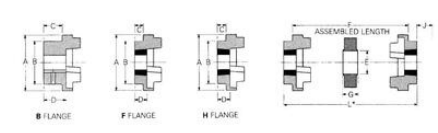
TEKNISET TIEDOT

TIEDOT

A	130 mm
B	105 mm
E	50 mm
F	53 mm
G	36 mm
Koko	130



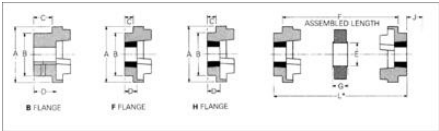
Speed rpm/min	Coupling Size									
	70	90	110	130	150	180	230	280	350	450
100	0.33	0.84	1.68	3.36	6.72	9.96	20.90	33.00	49.50	74.25
200	0.66	1.68	3.36	6.72	13.44	19.92	41.80	66.00	99.00	148.50
400	1.32	3.36	6.72	13.44	26.88	39.84	83.60	132.00	198.00	297.00
600	1.98	5.04	10.08	20.16	40.32	59.76	125.40	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	90.96	188.10	283.50	425.25	623.25
1100	3.58	9.12	18.24	36.48	72.96	109.14	225.72	338.25	507.38	727.88
1300	4.19	10.68	21.36	42.72	85.44	127.38	263.34	395.88	592.95	843.38
1500	4.79	12.24	24.48	48.96	97.92	145.62	299.96	451.00	676.50	954.00
1800	5.78	14.76	29.52	59.04	118.08	174.96	359.88	541.50	811.50	1157.25
2000	6.39	16.32	32.64	65.28	130.56	194.16	395.96	597.00	891.00	1287.00
2200	7.00	17.88	35.76	71.52	143.04	213.36	432.00	652.50	970.50	1416.75
2400	7.61	19.44	38.88	77.76	155.52	232.56	468.00	708.00	1050.00	1546.50
2600	8.22	21.00	42.00	84.00	168.00	251.76	504.00	763.50	1129.50	1676.25
2800	8.83	22.56	45.12	90.24	180.48	270.96	540.00	819.00	1209.00	1806.00
3000	9.44	24.12	48.24	96.48	192.96	290.16	576.00	874.50	1288.50	1935.75
3200	10.05	25.68	51.36	102.72	205.44	309.36	612.00	929.25	1368.00	2065.50
3500	11.26	28.80	57.60	115.20	230.40	343.68	696.00	1044.00	1566.00	2300.25
Nominal Torque (Nm)	31.5	80	160	315	600	950	2000	3150	4725	7087.5
Max Torque (Nm)	72	180	360	720	1500	2350	5000	7200	10800	16200



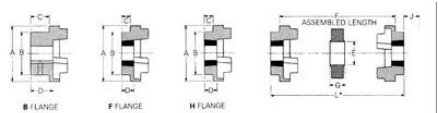
PHYSICAL DIMENSIONS AND CHARACTERISTICS									
Size	Common Dimensions					Type F & H			Type B
	A	B	E	F	G	Max. Bush mm	C	D	Max. Misalignment mm
70	69	31	25.0	18.0	1008	25	17	20.0	25
90	85	37	30.5	22.0	1108	28	19	19.5	29
110	112	48	40.0	29.0	1300	42	19	19.5	38
130	130	50	53.0	36.0	1610	42	19	19.0	38
150	150	55	60.0	40.0	2002	50	2	22.5	42
180	180	77	73.0	49.0	2517	60	2	34.5	48
230	225	89	88.5	59.0	3200	75	3	39.5	55
280	275	109	105.5	74.5	3925	100	4	51.0	67

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 HH, HH FF.
Bore limits M6 unless otherwise specified.

Size	Assembled Length (L*) Compensating Torque Types			Mass kg	Inertia I _{xx} kgm ²	Dynamic Stiffness Nm/rad	Maximum Misalignment		Nominal Torque (Nm)
	FF FH HH	FF HH	HH				Parallel	Axial	
70	65.0	65.0	65.0	1.00	0.00096	-	0.3	+0.2	31
90	89.5	79.5	181.5	1.78	0.00115	-	0.3	+0.5	80
110	85.0	100.0	119.0	3.00	0.00400	60	0.3	+0.8	180
130	89.0	100.0	131.0	5.48	0.00780	120	0.4	+0.8	215
150	107.0	129.0	152.0	11	0.01810	175	0.4	+0.9	600
180	142.0	165.0	188.0	16.60	0.04340	225	0.4	+1.1	950
230	164.5	202.0	239.5	26.00	0.12980	285	0.5	+1.3	2000
280	207.5	248.5	286.5	50.00	0.44600	325	0.5	+1.7	3150



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	0.66	1.68	3.36	6.72	12.56	19.92	41.80	66.00		
400	1.32	3.36	6.72	13.44	25.12	39.84	83.60	132.00		
600	1.98	5.04	10.08	20.16	37.68	59.76	125.40	198.00		
720	2.37	6.03	12.10	23.80	45.20	71.80	151.00	238.00		
800	2.66	6.72	13.44	26.88	50.12	79.20	166.00	266.00		
900	3.17	8.04	16.10	31.70	60.30	95.00	201.00	317.00		
1000	3.36	8.40	16.80	33.60	63.40	100.00	212.00	336.00		
1100	3.75	9.36	18.72	37.44	69.84	110.00	232.00	375.00		
1200	4.04	10.08	20.16	40.32	74.88	119.00	248.00	404.00		
1400	4.71	11.76	23.52	47.04	86.40	134.00	282.00	471.00		
1600	5.28	13.44	26.88	53.76	97.92	150.00	316.00	528.00		
1800	5.94	15.12	30.24	60.48	110.00	167.00	350.00	594.00		
2000	6.60	16.80	33.60	67.20	121.00	183.00	384.00	660.00		
2200	7.26	18.48	36.96	73.92	132.00	199.00	418.00	726.00		
2400	7.92	20.16	40.32	80.64	143.00	215.00	452.00	792.00		
2600	8.58	21.84	43.68	87.36	154.00	231.00	486.00	858.00		
2800	9.24	23.52	47.04	94.08	165.00	247.00	520.00	924.00		
3000	9.90	25.20	50.40	100.80	176.00	263.00	554.00	990.00		
3600	11.88	30.24	60.48	121.00	212.00	316.00	660.00	1188.00		
Nominal Torque (Nm)										
Max Torque (Nm)										
	31.5	60	160	315	600	950	2000	3150		
	72	130	360	720	1500	2350	5000	7200		



PHYSICAL DIMENSIONS AND CHARACTERISTICS

Common Dimensions										Type F & H				Type B			
Size	Bore Dimensions					Max. Bore					Bore Dia's						
	A	B	E	F	G	Bush size	mm	in.	C	D	J1	Max.	Pilot Hole	Screw	Key		
70	60	60	31	25.0	18.0	1008	25	1"	20.0	23.5	29	32	8	M 6	20	23.5	
90	85	85	30	32	30.5	22.5	110.8	28	1 1/4	18.5	23.5	29	42	10	M 6	26	30.0
110	112	100	40	40.0	29.0	181.0	42	1 1/2	18.5	26.5	38	50	10	M10	31	45.0	
130	130	109	50	50.0	36.0	161.0	42	1 1/2	18.0	26.5	38	60	16	M10	39	47.5	
150	150	115	62	62.0	46.0	202.0	60	2	23.5	33.5	42	70	20	M10	46	56.0	
180	180	125	77	73.0	49.0	251.7	60	2 1/4	34.5	48.5	48	80	25	M10	55	70.0	
230	225	105	99	85.5	69.5	300.0	75	3	39.5	52.5	55	100	25	M12	77	90.0	
280	275	205	119	105.5	74.5	302.5	100	4	51.0	66.5	67	115	30	M16	90	105.5	

1" = 25.4 mm
F, H refers to combinations of flanges: FF, FH, HF, HH, BB, BB
Bore limits M10 unless otherwise specified.

Size	Assembled Length (L*) Coupling Range (Type)				Mass (kg)	Inertia I _M (kg·m ²)	Dynamic Stiffness (Nm/r)	Maximum Misalignment		Nominal Torque (Nm)
	FF	FH	HF	BB				Parallel	Axial	
70	65.0	65.0	65.0	1.00	0.00095	-	0.3	+0.2	31	
90	65.5	76.0	82.5	1.76	0.00115	-	0.3	+0.5	60	
110	82.0	100.5	119.0	5.02	0.00405	66	0.3	+0.6	160	
130	95.0	110.0	131.0	9.46	0.02780	130	0.4	+0.8	315	
150	107.0	129.5	152.0	11	0.01810	175	0.4	+0.9	600	
180	142.0	165.5	188.0	16.00	0.04390	220	0.4	+1.1	950	
230	164.5	202.0	239.5	26.00	0.12068	587	0.5	+1.3	2000	
280	207.5	246.5	286.5	50.00	0.44893	1025	0.5	+1.7	3150	