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Fenner®

HRC KYTKIMET

Sähkömoottoreihin

HRC 230 G

Kytkelementti

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



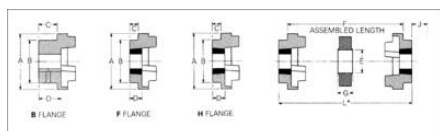
TUOTEKUVAUS

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.

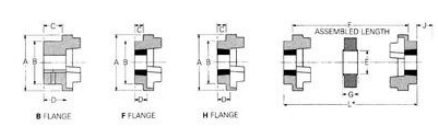
TEKNISET TIEDOT

TIEDOT

A	225 mm
B	155 mm
E	99 mm
F	85,5 mm
G	59,5 mm
Koko	230



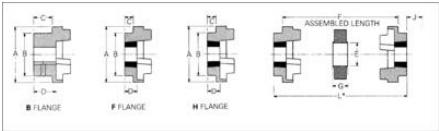
Speed rpm/min	Coupling Size									
	70	90	110	130	150	180	230	280	350	450
100	0.33	0.84	1.68	3.36	6.28	9.95	20.90	33.00	49.00	77.00
200	0.66	1.68	3.36	6.72	12.56	19.90	41.80	66.00	98.00	154.00
400	1.32	3.36	6.72	13.44	25.12	39.80	83.60	132.00	196.00	308.00
600	1.98	5.04	10.08	20.16	37.68	59.70	125.40	198.00	294.00	462.00
720	2.37	6.03	12.10	23.80	45.20	71.60	151.00	238.00	357.00	550.00
900	2.97	7.56	15.12	29.76	56.50	88.30	186.00	288.00	438.00	660.00
1100	3.58	9.24	18.48	36.96	68.40	106.00	223.00	345.00	518.00	774.00
1300	4.19	10.56	21.12	42.24	78.24	121.00	253.00	393.00	589.00	882.00
1500	4.79	11.88	23.76	47.52	87.84	134.00	280.00	432.00	654.00	990.00
1800	5.78	14.40	28.80	57.60	105.60	161.00	336.00	516.00	786.00	1179.00
2000	6.39	16.12	32.24	64.48	118.08	180.00	374.00	574.00	861.00	1302.00
2200	6.99	17.84	35.68	71.36	130.56	198.00	412.00	632.00	954.00	1431.00
2500	8.19	20.76	41.52	83.04	151.68	229.00	474.00	726.00	1089.00	1633.00
2800	9.39	23.68	47.36	94.72	172.80	260.00	536.00	816.00	1236.00	1848.00
3000	10.59	26.60	53.20	106.40	193.92	291.00	598.00	912.00	1383.00	2067.00
3500	12.79	32.16	64.32	128.64	232.32	346.00	706.00	1086.00	1626.00	2439.00
Nominal Torque (Nm)	31.5	80	160	315	600	950	2000	3150	4740	7110
Max Torque (Nm)	72	180	360	720	1500	2350	5000	7700	11500	17310



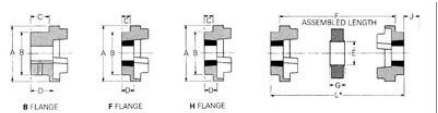
PHYSICAL DIMENSIONS AND CHARACTERISTICS														
Size	Common Dimensions					Type F & H					Type B			
						Max. bore					Bore Dia.			
	A	B	E	F	G	Bush mm	C	D	21	Max. Pilot mm	Open over core	C		
70	69	31	25.0	18.0	1008	25	17	20.0	23.5	29	32	M 6	20	23
90	85	37	30.5	22.0	1108	28	19	19.5	23.5	29	42	M 8	27	30
110	112	45	40.0	28.0	1300	42	19	18.5	28.5	38	50	M 10	37	40
130	130	50	53.0	36.0	1510	42	19	18.0	25.5	38	60	M 12	45	48
150	150	55	60.0	40.0	1700	50	2	22.5	33.5	42	70	M 10	46	56
180	180	65	73.0	48.0	2017	60	2	34.5	48.5	48	85	M 12	70	75
230	225	88	88.5	59.0	2300	75	3	38.5	52.5	55	100	M 12	77	90
280	275	109	105.5	74.5	2625	100	4	51.0	66.5	67	125	M 16	100	105

F & H refers to the strength class and material for the shaft. F & H refers to the shaft. A shortened version will allow this dimension to be reduced.
Bore limits M10 unless otherwise specified.

Size	Assembled Length (L)			Mass (kg)	Inertia I _x (kgm ²)	Dynamic Stiffness (Nm/m)	Maximum Misalignment		Nominal Torque (Nm)
	FF FH HH	FB HB	BB				Parallel	Axial	
70	65.0	65.0	65.0	1.00	0.00066	-	0.3	+0.2	31
90	85.0	85.0	85.0	1.78	0.00115	-	0.3	+0.3	42
110	110.0	110.0	110.0	3.00	0.00400	60	0.3	+0.8	50
130	130.0	130.0	130.0	5.48	0.02760	120	0.4	+0.8	60
150	150.0	150.0	150.0	11.1	0.01810	175	0.4	+0.9	70
180	180.0	180.0	180.0	22.9	0.04340	225	0.4	+1.1	85
230	225.0	225.0	225.0	50.0	0.12080	285	0.5	+1.3	100
280	275.0	275.0	275.0	100.0	0.44600	350	0.5	+1.7	125



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	9.24	18.48	36.96	69.84	110.00	232.00	375.00		
1200	4.04	9.96	19.92	39.84	74.24	118.00	246.00	404.00		
1400	4.71	11.76	23.52	47.04	90.40	142.00	292.00	471.00		
1600	5.28	13.44	26.88	53.76	103.00	158.00	328.00	528.00		
1800	5.94	15.12	30.24	60.48	115.00	176.00	372.00	594.00		
2000	6.60	16.80	33.60	67.20	126.00	190.00	418.00	660.00		
2200	7.26	18.48	36.96	73.92	136.00	206.00	460.00	726.00		
2400	7.92	20.16	40.32	80.64	145.00	220.00	503.00	792.00		
2600	8.58	21.84	43.68	87.36	153.00	234.00	545.00	858.00		
2800	9.24	23.52	47.04	94.08	161.00	248.00	588.00	924.00		
3000	9.90	25.20	50.40	100.80	168.00	262.00	630.00	990.00		
3600	11.88	30.24	60.48	120.96	200.00	316.00	770.00	1188.00		
Nominal Torque (Nm)	31.5	80	160	315	600	950	2000	3150		
Max Torque (Nm)	72	180	360	720	1500	2350	5000	7200		



PHYSICAL DIMENSIONS AND CHARACTERISTICS

Common Dimensions										Type F & H				Type B			
Size	A	B	E	F x I	G	Bushing size mm	Max. Bore		J1	Bore Dia's				Screw			
							mm	in.		C	D	Max.	Pilot H8	Max. H8	C	D	
70	68	60	31	25.0	19.0	1000	26	1"	29.0	23.5	29	32	8	M 6	70	23.5	
90	85	70	32	30.5	22.5	1108	28	1 1/8	33.5	23.5	29	42	10	M 6	26	30.0	
110	112	90	45	45.0	29.0	1810	42	1 1/2	38.5	26.5	38	50	10	M10	37	45.0	
130	130	105	60	60.0	36.0	1610	47	1 3/4	38.0	26.5	38	60	16	M10	39	47.5	
150	150	115	62	62.0	40.0	2002	50	2	33.5	33.5	42	70	20	M10	46	56.0	
180	180	125	77	73.0	49.0	2517	60	2 1/4	34.5	48.5	48	80	25	M10	55	70.0	
230	225	155	99	88.5	69.0	3000	75	3	38.5	52.5	55	100	25	M12	77	90.0	
280	275	205	119	105.5	74.5	3025	100	4	51.0	66.5	67	115	30	M16	90	105.5	

J 1 is the screw diameter related to the corresponding the bore on the shaft. A shortened screw will allow this dimension to be reduced.
J 1 refers to combinations of flanges: FF, FH, HH, FE, HB, BB.
Bore limits H7 unless otherwise specified.

Size	Assembled Length (L*) Coupling Range (F*)				Mass kg	Inertia Ix/Iy kgm²	Dynamic Stiffness (Nm/r)	Maximum Misalignment		Nominal Torque (Nm)
	FF	FH	HH	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	80
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	120	0.4	+0.8	315	
150	107.0	129.5	152.0	11.00	0.01810	175	0.4	+0.9	600	
180	142.0	165.5	189.0	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	285.0	50.00	0.44693	1025	0.5	+1.7	3150	