



HRC KYTKIMET

Sähkömoottoreihin

HRC 070 B

Kytkin esiporattu akselireikä

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

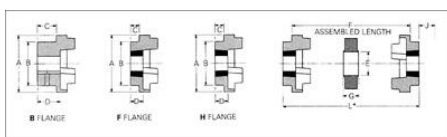


TUOTEKuvaus

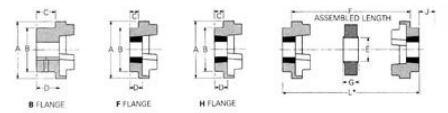
HRC kytkimet ovat joustavia ja ne on helppo ja nopea asentaa paikalleen, esimerkiksi Taper-Lock -holkeilla. Ne soveltuvat siksi erinoimaisesti sähkömoottorien kanssa käytettäväksi. Saatavilla myös esiporattuna. HRC kytкимиä on myöskin saatavana palonkestävänä ja antistaattisena.

TEKNISET TIEDOT

A	69 mm
Ruuvien koko	M6
Koko	70
B	60 mm
C	20 mm
D	23,5 mm
E	31 mm
F	25 mm
G	18 mm
Onton akselin maksimi halkaisija	32 mm
Maximum bore	32 mm



Speed RPM/min	Coupling Size							
	70	90	110	130	150	180	230	280
100	0,33	0,84	1,68	3,36	6,72	13,44	26,88	53,76
200	0,66	1,68	3,36	6,72	13,44	26,88	53,76	107,52
400	1,32	3,36	6,72	13,44	26,88	53,76	107,52	215,04
720	2,37	6,03	12,10	24,20	48,40	96,80	193,60	387,20
800	2,56	6,40	12,80	25,60	51,20	102,40	204,80	409,60
960	3,17	8,04	16,10	32,20	64,40	128,80	257,60	515,20
1000	3,36	8,40	16,80	33,60	67,20	134,40	268,80	537,60
1440	4,75	12,10	24,10	47,50	95,00	190,00	380,00	760,00
1600	5,28	13,44	26,88	53,76	107,52	215,04	430,08	860,16
1800	5,94	15,10	30,20	60,40	120,80	241,60	483,20	966,40
2000	6,72	17,10	34,20	68,40	136,80	273,60	547,20	1094,40
2200	7,26	18,40	36,80	73,60	147,20	294,40	588,80	1177,60
2400	7,92	20,10	40,20	80,40	160,80	321,60	643,20	1286,40
2600	8,52	22,10	44,20	88,40	176,80	353,60	707,20	1414,40
2800	9,10	24,10	48,30	96,60	193,20	386,40	772,80	1545,60
3000	9,60	25,10	50,20	100,40	200,80	401,60	803,20	1606,40
3600	11,90	30,10	60,30	120,60	241,20	482,40	964,80	1929,60
Nominal Torque (Nm)	315	80	160	315	630	1260	2520	5040
Max Torque (Nm)	72	180	360	720	1440	2880	5760	11520

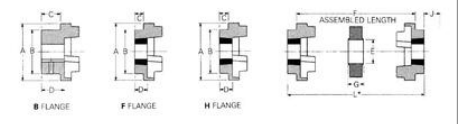


PHYSICAL DIMENSIONS AND CHARACTERISTICS

Size	Common Dimensions				Type F & H				Type B							
	A	B	E	F, I	Bush size	Max. Bore	C	D	J†	Max. Flange HB	Screw (over key)	C	D			
70	69	60	31	20.0	18.0	1008	25	17	20.0	23.5	29	32	8	M 6	20	23.5
80	85	70	32	20.5	22.5	1108	28	1/8	19.5	23.5	29	42	10	M 6	25	30.0
110	112	100	45	40.0	29.0	1610	42	1/8	18.0	28.5	38	60	15	M10	37	45.0
130	130	120	60	53.0	36.0	1610	42	1/8	18.0	28.5	38	60	15	M10	39	47.5
150	150	145	67	60.0	40.0	2072	50	2/8	23.5	33.5	42	70	20	M10	46	56.0
180	180	175	77	73.0	49.0	2517	60	2/8	34.5	46.5	48	80	25	M12	59	70.0
200	225	206	89	85.5	58.5	3020	75	2/8	38.5	52.5	60	100	25	M12	77	80.0
280	275	206	119	105.5	78.5	3025	100	4	51.0	66.5	67	115	30	M16	90	105.5

† J † is the wrench clearance required for tightening/loosening the bush on the shaft. A shortened wrench will allow this dimension to be reduced.
 † F † refers to combinations of flanges: FF, FH, HH, FB, HB, BB.
 Bore limits H7 unless otherwise specified.

Size	Assembled Length (L*) Comprising Flange Types			Mass kg†	Inertia M ² kgm ² †	Dynamic Stiffness (N/m) ² †	Maximum Misalignment		Nominal Torque (Nm)†
	FF FH HH	FB HB	BB				Parallel	Axial	
70	65.0	65.0	65.0	1.50	0.00089	-	0.3	+0.2	31
80	89.5	76.0	82.5	1.78	0.00175	-	0.3	+0.5	60
110	120.0	109.5	118.0	5.30	0.00490	85	0.3	+0.6	180
130	150.0	133.0	131.0	5.49	0.00790	130	0.4	+0.8	315
150	202.0	178.5	152.0	7.11	0.01510	175	0.4	+0.9	600
180	242.0	185.5	189.0	16.60	0.04340	229	0.4	+1.1	950
200	284.5	202.0	208.5	26.60	0.12068	367	0.5	+1.3	2000
280	2075	248.5	285.5	50.00	0.46653	1025	0.5	+1.7	3150

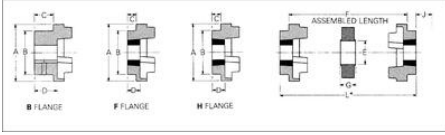


PHYSICAL DIMENSIONS AND CHARACTERISTICS

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	A	B	E	F, I	Bush size	Max. Bore	C	D	J†	Max. Flange HB	Screw (over key)	C	D			
70	69	60	31	20.0	18.0	1008	25	17	20.0	23.5	29	32	8	M 6	20	23.5
80	85	70	32	20.5	22.5	1108	28	1/8	19.5	23.5	29	42	10	M 6	25	30.0
110	112	100	45	40.0	29.0	1610	42	1/8	18.0	28.5	38	60	15	M10	37	45.0
130	130	120	60	53.0	36.0	1610	42	1/8	18.0	28.5	38	60	15	M10	39	47.5
150	150	145	67	60.0	40.0	2072	50	2/8	23.5	33.5	42	70	20	M10	46	56.0
180	180	175	77	73.0	49.0	2517	60	2/8	34.5	46.5	48	80	25	M12	59	70.0
200	225	206	89	85.5	58.5	3020	75	2/8	38.5	52.5	60	100	25	M12	77	80.0
280	275	206	119	105.5	78.5	3025	100	4	51.0	66.5	67	115	30	M16	90	105.5

† J † is the wrench clearance required for tightening/loosening the bush on the shaft. A shortened wrench will allow this dimension to be reduced.
 † F † refers to combinations of flanges: FF, FH, HH, FB, HB, BB.
 Bore limits H7 unless otherwise specified.

Size	Assembled Length (L*) Comprising Flange Types			Mass kg†	Inertia M ² kgm ² †	Dynamic Stiffness (N/m) ² †	Maximum Misalignment		Nominal Torque (Nm)†
	FF FH HH	FB HB	BB				Parallel	Axial	
70	65.0	65.0	65.0	1.50	0.00089	-	0.3	+0.2	31
80	89.5	76.0	82.5	1.78	0.00175	-	0.3	+0.5	60
110	120.0	109.5	118.0	5.30	0.00490	85	0.3	+0.6	180
130	150.0	133.0	131.0	5.49	0.00790	130	0.4	+0.8	315
150	202.0	178.5	152.0	7.11	0.01510	175	0.4	+0.9	600
180	242.0	185.5	189.0	16.60	0.04340	229	0.4	+1.1	950
200	284.5	202.0	208.5	26.60	0.12068	367	0.5	+1.3	2000
280	2075	248.5	285.5	50.00	0.46653	1025	0.5	+1.7	3150



Speed rpm†	Coupling Size									
	70	80	110	130	150	180	230	280	3150	3150
100	0.33	0.84	1.68	3.30	6.28	9.96	20.90	33.00		
200	0.66	1.68	3.36	6.60	12.56	19.92	41.80	66.00		
400	1.32	3.36	6.72	13.20	25.12	39.84	83.60	132.00		
600	1.98	5.04	10.08	19.80	37.70	59.76	125.40	198.00		
720	2.37	6.03	12.06	23.80	45.20	71.60	151.00	238.00		
800	2.64	6.72	13.44	26.40	50.40	75.60	166.00	264.00		
960	3.17	8.04	16.08	31.70	60.30	90.50	201.00	317.00		
1000	3.30	8.40	16.80	33.00	62.80	95.60	209.00	330.00		
1140	3.76	9.48	18.96	37.60	70.70	106.00	224.00	376.00		
1200	3.96	9.90	19.80	39.60	73.20	109.80	230.00	396.00		
1440	4.75	12.18	24.36	47.50	88.50	131.80	262.00	475.00		
1600	5.28	13.44	26.88	52.80	95.60	145.10	282.00	528.00		
1800	5.94	15.12	30.24	59.40	107.40	160.80	315.00	594.00		
2000	6.60	16.80	33.60	66.00	120.00	179.00	348.00	660.00		
2200	7.26	18.48	36.96	72.60	132.00	198.00	386.00	726.00		
2400	7.92	20.16	40.32	79.20	144.00	218.00	420.00	792.00		
2600	8.58	21.96	43.92	85.80	156.00	239.00	450.00	858.00		
2800	9.24	23.76	47.52	92.40	168.00	260.00	480.00	924.00		
3000	9.90	25.56	51.12	99.00	180.00	282.00	510.00	990.00		
3600	11.88	30.78	61.56	118.80	216.00	336.00	612.00	1188.00		

Nominal Torque (Nm) 315 60 160 315 600 960 3000 3150
 Max Torque (Nm) 72 180 360 720 1000 2350 5000 7200