

HRC KYTKIMET

Sähkömoottoreihin

HRC 090 B

Kytkin esiporattu akselireikä

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



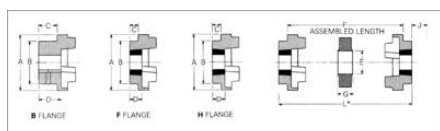
TUOTEKUVAUS

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.

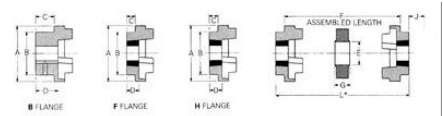
TEKNISET TIEDOT

TIEDOT

A	85 mm
B	70 mm
C	26 mm
D	30 mm
E	32 mm
F	30,5 mm
G	22,5 mm
Koko	90
Ruuvien koko	M10
Onton akselin maksimi halkaisija	42 mm
Maximum bore	42 mm



Speed rpm/min	Coupling Size							
	70	90	110	130	150	180	230	280
100	0.33	0.84	1.68	3.35	6.28	9.95	20.90	33.00
200	0.65	1.68	3.35	6.28	12.55	19.90	41.80	65.00
400	1.32	3.35	6.28	12.55	25.10	39.80	83.60	132.00
600	1.98	5.02	9.42	18.80	37.70	59.70	125.40	198.00
800	2.64	6.68	12.55	25.10	50.10	79.60	167.20	264.00
1000	3.30	8.34	15.70	31.40	62.50	99.50	209.00	330.00
1200	3.96	10.00	18.80	37.70	75.00	119.40	250.80	396.00
1400	4.62	11.66	21.95	43.95	87.50	139.30	292.60	462.00
1600	5.28	13.32	25.10	50.10	100.00	159.20	334.40	528.00
1800	5.94	14.98	28.25	56.35	112.50	179.10	376.20	594.00
2000	6.60	16.64	31.40	62.50	125.00	199.00	418.00	660.00
2200	7.26	18.30	34.55	68.75	137.50	218.90	459.80	726.00
2400	7.92	19.96	37.70	75.00	150.00	238.80	501.60	792.00
2600	8.58	21.62	40.85	81.25	162.50	258.70	543.40	858.00
2800	9.24	23.28	44.00	87.50	175.00	278.60	585.20	924.00
3000	9.90	24.94	47.15	93.75	187.50	298.50	627.00	990.00
3600	11.88	29.90	56.60	112.50	225.00	358.20	759.00	1188.00
Nominal Torque (Nm)	31.5	90	160	315	600	950	2000	3150
Max Torque (Nm)	72	180	360	720	1500	2300	5000	7200

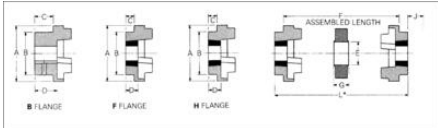


PHYSICAL DIMENSIONS AND CHARACTERISTICS

Common Dimensions										Type F & H				Type B			
Size	Common Dimensions					Bore Dia's		Max. Bore		Type F & H		Type B		Type B		Type B	
	A	B	E	F x H	G	mm	in.	mm	in.	C	D	J1	Max.	Pilot Hole	Screw Hole	C	D
70	69	31	25.0	18.0	1008	26	1"	25.0	23.5	29	32	8	M 6	20	M 6	20	23.5
90	85	30	32	30.5	22.5	1108	28	1 1/8	18.5	23.5	29	42	10	M 6	26	30.0	30.0
110	112	30	45	40.0	29.0	1610	42	1 1/8	18.5	26.5	38	55	10	M10	31	45.0	45.0
130	130	105	60	60.0	36.0	1610	42	1 1/8	18.0	26.5	38	60	15	M10	39	47.5	47.5
150	150	115	62	60.0	40.0	2012	60	2	24.5	33.5	42	70	20	M10	46	56.0	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	70.0
230	225	185	99	85.5	69.0	3020	75	3	39.5	52.5	55	100	25	M12	77	90.0	90.0
280	275	205	119	105.5	74.5	3525	100	4	51.0	66.5	67	115	30	M16	90	105.5	105.5

J1 is the wrench clearance required for tightening/loosening the bolt on the shaft. A shortened wrench will allow this dimension to be reduced.
 F, H refers to combinations of flanges: FF, FH, HH, FE, HE, 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/mm)	Maximum Misalignment		Nominal Torque (Nm)
	FF	FH	HH	BB				Parallel	Axial	
70	65.0	65.0	65.0	65.0	1.00	0.00095	-	0.3	+0.2	31
90	68.5	76.0	82.5	78	1.78	0.00115	-	0.3	+0.5	60
110	82.0	100.0	118.0	93	5.02	0.00405	66	0.3	+0.8	160
130	88.0	110.0	131.0	94	5.48	0.00780	130	0.4	+0.9	315
150	101.0	129.0	152.0	111	6.00	0.01410	175	0.4	+0.9	600
180	142.0	165.0	188.0	160	16.00	0.04340	229	0.4	+1.1	900
230	164.5	202.0	239.5	260	61.2068	0.12068	567	0.5	+1.3	2000
280	207.5	246.5	285.5	50.00	0.44853	1025	0.5	+1.7	3150	



Speed rpm/min	Coupling Size									
	70	90	110	130	150	180	230	280		
100	0.33	0.64	1.68	3.30	6.29	9.39	20.89	33.00		
200	0.66	1.28	3.36	6.60	12.58	18.78	41.78	66.00		
400	1.32	2.56	6.72	13.20	25.16	37.56	83.56	132.00		
600	2.00	3.84	10.08	19.80	37.77	56.37	125.37	198.00		
700	2.37	4.63	12.10	23.80	45.39	71.40	151.00	238.00		
800	2.64	5.12	13.44	26.40	50.35	76.55	168.55	264.00		
900	3.17	6.04	16.10	31.70	60.30	96.50	201.00	317.00		
1000	3.46	6.72	17.28	34.56	65.45	101.90	219.90	345.60		
1400	4.75	12.10	24.10	47.50	90.60	143.80	302.00	475.00		
1600	5.21	13.45	26.90	52.80	100.00	155.00	325.00	521.00		
1800	5.64	14.70	29.52	58.00	110.00	170.00	350.00	564.00		
2000	6.00	16.00	32.00	64.00	120.00	188.00	388.00	600.00		
2200	6.36	17.28	34.56	69.12	130.00	208.00	428.00	636.00		
2400	6.72	18.48	36.96	73.92	140.00	228.00	468.00	672.00		
2600	7.00	19.60	39.20	78.40	150.00	250.00	500.00	700.00		
2800	7.50	24.10	48.30	96.60	181.00	286.00	545.00			
3000	8.00	25.10	50.20	100.40	190.00	300.00	580.00			
3600	11.90	36.10	72.20	144.40	270.00					
Nominal Torque (Nm)	315	60	160	315	600	960	2000	3150		
Max Torque (Nm)	12	180	360	720	1000	2300	5000	7000		

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