

HRC KYTKIMET

Sähkömoottoreihin

HRC 110 F

Kytin F taper-lock kiinnityksellä

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



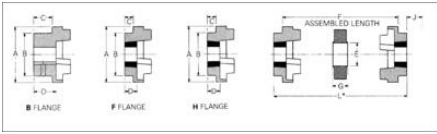
TUOTEKUVAUS

HRC kytimet 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 kytimiä on myöskin saatavana palonkestävänä ja antistaattisena.

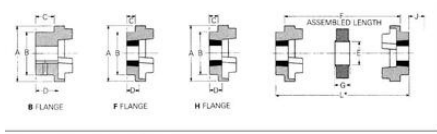
TEKNISET TIEDOT

TIEDOT

A	112 mm
B	100 mm
C	18,5 mm
D	26,5 mm
E	45 mm
F	45 mm
G	29 mm
J	38 mm
Koko	110
Taper-lock holkin koko	1610
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	3.36	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		
800	2.64	6.72	13.44	26.88	50.24	79.68	167.20	264.00		
1000	3.30	8.40	16.80	33.60	62.56	99.36	209.00	330.00		
1200	3.96	10.08	20.16	40.32	75.12	119.52	251.00	396.00		
1400	4.62	11.76	23.52	47.04	87.68	139.68	292.80	462.00		
1600	5.28	13.44	26.88	53.76	100.32	159.84	334.60	528.00		
1800	5.94	15.12	30.24	60.48	112.96	179.52	376.40	594.00		
2000	6.60	16.80	33.60	67.20	125.60	199.20	418.20	660.00		
2200	7.26	18.48	36.96	73.92	138.24	218.88	460.00	726.00		
2400	7.92	20.16	40.32	80.64	150.88	238.56	501.80	792.00		
2600	8.58	21.84	43.68	87.36	163.52	258.24	543.60	858.00		
2800	9.24	23.52	47.04	94.08	176.16	277.92	585.40	924.00		
3000	9.90	25.20	50.40	100.80	188.80	297.60	627.20	990.00		
3600	11.88	30.24	60.48	121.92	226.24					
Nominal Torque (Nm)	315	60	160	315	600	950	2000	3150		
Max Torque (Nm)	72	180	360	720	1500	2350	5000	7200		

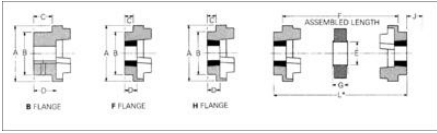


PHYSICAL DIMENSIONS AND CHARACTERISTICS

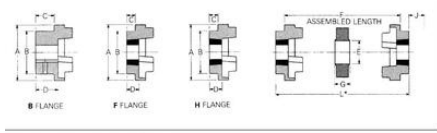
Common Dimensions							Type F & H					Type B				
							Max. Bore					Bore Dia's				
Size	A	B	E	F	G	Bush Size	mm	in.	C	D	J1	Max.	Pilot Hole	Screw Hole	C	D
70	69	31	25.0	18.0	1008	28	1"	25.0	23.5	29	32	8	M 6	20	23.5	
90	85	39	32	30.5	1275	36	1 1/8"	31.5	29.0	37	40	10	M 6	26	30.0	
110	112	50	45	40.0	1587	42	1 3/4"	38.0	35.5	44	47	12	M 8	31	45.0	
130	130	105	60	50.0	2032	50	2"	50.0	47.5	58	60	15	M10	39	47.5	
150	150	125	77	73.0	2517	60	2 1/4"	60.0	57.5	69	70	20	M12	46	56.0	
180	180	150	99	95.0	3200	75	3"	75.0	72.5	85	86	25	M16	55	70.0	
230	225	195	125	121.0	4064	100	4"	100.0	97.5	110	112	30	M16	68	90.0	
280	275	235	159	155.0	5080	125	5"	125.0	122.5	140	142	36	M20	86	105.0	

1" 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, F1 refers to combinations of flanges: FF, FH, HH, FB, HB, BB.
 Bore limits M10 unless otherwise specified.

Size	Assembled Length (L*) Coupling Flange Types				Mass (kg)	Inertia Ix (kgm²)	Dynamic Stiffness (Nm/m)	Maximum Misalignment		Nominal Torque (Nm)
	FF	FH	HH	FB				Parallel	Axial	
70	65.0	65.0	65.0	65.0	1.00	0.00095	-	0.3	+0.2	31
90	85.0	85.0	85.0	85.0	1.78	0.00115	-	0.3	+0.5	60
110	112.0	112.0	112.0	112.0	3.00	0.00140	60	0.3	+0.8	160
130	130.0	130.0	130.0	130.0	5.48	0.00180	120	0.4	+0.9	315
150	150.0	150.0	150.0	150.0	9.50	0.00240	225	0.4	+1.1	600
180	180.0	180.0	180.0	180.0	16.00	0.00340	400	0.5	+1.3	950
230	225.0	225.0	225.0	225.0	26.00	0.00580	800	0.5	+1.7	2000
280	275.0	275.0	275.0	275.0	50.00	0.01000	1600	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		
800	2.64	6.72	13.44	26.88	50.24	79.68	167.20	264.00		
1000	3.30	8.40	16.80	33.60	62.56	99.36	209.00	330.00		
1200	3.96	10.08	20.16	40.32	75.12	119.52	251.00	396.00		
1400	4.62	11.76	23.52	47.04	87.68	139.68	292.80	462.00		
1600	5.28	13.44	26.88	53.76	100.32	159.84	334.60	528.00		
1800	5.94	15.12	30.24	60.48	112.96	179.52	376.40	594.00		
2000	6.60	16.80	33.60	67.20	125.60	199.20	418.20	660.00		
2200	7.26	18.48	36.96	73.92	138.24	218.88	460.00	726.00		
2400	7.92	20.16	40.32	80.64	150.88	238.56	501.80	792.00		
2600	8.58	21.84	43.68	87.36	163.52	258.24	543.60	858.00		
2800	9.24	23.52	47.04	94.08	176.16	277.92	585.40	924.00		
3000	9.90	25.20	50.40	100.80	188.80	297.60	627.20	990.00		
3600	11.88	30.24	60.48	121.92	226.24					
Nominal Torque (Nm)	315	60	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			
							Max. Bore				Bore Dia's				
Size	A	B	E	F	G	Bush Size	mm	in.	C	D	J1	Max.	Pilot Hole	Screw Hole	Cover Key
70	69	31	25.0	18.0	1008	28	1"	25.0	23.5	29	32	8	M 6	20	23.5
90	85	39	32	30.5	1275	36	1 1/8"	31.5	29.0	37	40	10	M 6	26	30.0
110	112	50	45	40.0	1587	42	1 3/4"	38.0	35.5	44	47	12	M 8	31	45.0
130	130	105	60	50.0	2032	50	2"	50.0	47.5	58	60	15	M10	39	47.5
150	150	125	77	73.0	2517	60	2 1/4"	60.0	57.5	69	70	20	M12	46	56.0
180	180	150	99	95.0	3200	75	3"	75.0	72.5	85	86	25	M16	55	70.0
230	225	195	125	121.0	4064	100	4"	100.0	97.5	110	112	30	M16	68	90.0
280	275	235	159	155.0	5080	125	5"	125.0	122.5	140	142	36	M20	86	105.0

1" 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, F1 refers to combinations of flanges: FF, FH, HH, FB, HB, BB.
 Bore limits M10 unless otherwise specified.

Size	Assembled Length (L*) Coupling Flange Types				Mass (kg)	Inertia Ix (kgm²)	Dynamic Stiffness (Nm/m)	Maximum Misalignment		Nominal Torque (Nm)
	FF	FH	HH	FB				Parallel	Axial	
70	65.0	65.0	65.0	65.0	1.00	0.00095	-	0.3	+0.2	31
90	85.0	85.0	85.0	85.0	1.78	0.00115	-	0.3	+0.5	60
110	112.0	112.0	112.0	112.0	3.00	0.00140	60	0.3	+0.8	160
130	130.0	130.0	130.0	130.0	5.48	0.00180	120	0.4	+0.9	315
150	150.0	150.0	150.0	150.0	9.50	0.00240	225	0.4	+1.1	600
180	180.0	180.0	180.0	180.0	16.00	0.00340	400	0.5	+1.3	950
230	225.0	225.0	225.0	225.0	26.00	0.00580	800	0.5	+1.7	2000
280	275.0	275.0	275.0	275.0	50.00	0.01000	1600	0.5	+1.7	3150