



HRC KYTKIMET

Sähkömoottoreihin

HRC 130 B

Kytin esiporattu akselireikä

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



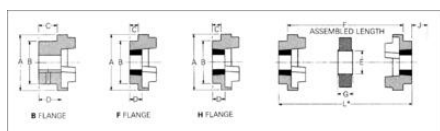
TUOTEKUVAUS

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.

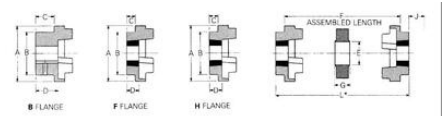
TEKNISET TIEDOT

TIEDOT

A	130 mm
B	105 mm
C	39 mm
D	47,5 mm
E	50 mm
F	53 mm
G	36 mm
Koko	130
Ruuvien koko	M10
Onton akselin maksimi halkaisija	60 mm
Maximum bore	60 mm



Speed rpm/min	Coupling Size							
	70	90	110	130	150	180	230	280
100	0.33	0.84	1.68	3.32	6.28	9.95	20.90	33.00
200	0.65	1.68	3.32	6.28	12.80	19.90	41.80	65.00
400	1.32	3.32	6.28	12.80	25.12	39.80	83.60	132.00
600	1.98	5.00	9.42	19.20	37.60	59.70	125.40	198.00
800	2.65	6.68	12.80	25.12	50.24	79.60	167.20	264.00
1000	3.32	8.36	16.16	31.36	62.88	99.40	209.00	330.00
1200	3.98	10.00	19.20	37.60	75.52	119.20	250.80	396.00
1400	4.65	11.68	22.40	43.84	88.16	138.90	292.60	462.00
1600	5.31	13.32	25.60	50.08	100.80	158.60	334.40	528.00
1800	5.98	15.00	28.80	56.32	113.44	178.30	376.20	594.00
2000	6.65	16.68	32.00	62.56	126.08	198.00	418.00	660.00
2200	7.31	18.32	35.20	68.80	138.72	217.70	459.80	726.00
2400	7.98	19.98	38.40	75.04	151.36	237.40	501.60	792.00
2600	8.65	21.68	41.60	81.28	164.00	257.10	543.40	858.00
2800	9.31	23.32	44.80	87.52	176.64	276.80	585.20	924.00
3000	9.98	25.00	48.00	93.76	189.28	296.50	627.00	990.00
3600	11.95	30.00	60.00	116.64	231.04	355.80	770.40	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

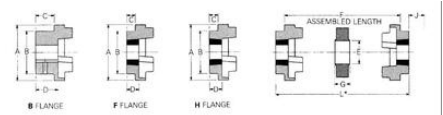


PHYSICAL DIMENSIONS AND CHARACTERISTICS

Common Dimensions										Type F & H					Type B			
Size	Common Dimensions					Max. Bore		Bore Dia's			Max. Bore		Bore Dia's		Max. Bore		Bore Dia's	
	A	B	E	F	G	Bush size	mm	in.	C	D	J1	Max.	Pilot	Max.	Pilot	Max.	Pilot	
70	69	31	25.0	18.0	1008	25	1"	20.0	23.5	29	32	8	M 6	20	23.5	29	32	8
90	85	30	32	30.5	1108	28	1 1/8	18.5	23.5	29	42	10	M 6	26	30.0	32	30.5	10
110	112	100	45	40.0	1300	42	1 1/2	18.5	26.5	38	55	10	M10	31	45.0	40	38	10
130	130	105	60	60.0	1610	42	1 1/2	18.0	26.5	38	60	15	M10	39	47.5	60	60.0	15
150	150	115	62	60.0	1800	60	2	24.5	33.5	42	70	20	M10	46	66.0	62	60.0	20
180	180	125	77	73.0	2017	60	2 1/4	34.5	48.5	48	80	25	M10	55	70.0	77	73.0	25
230	225	185	99	88.5	2400	75	3	39.5	52.5	55	100	25	M12	77	90.0	99	88.5	25
280	275	205	119	105.5	2825	100	4	51.0	66.5	67	115	30	M16	90	105.5	119	105.5	30

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*) Comprising Flange Types				Mass (kg)	Inertia M ² (kgm ²)	Dynamic Stiffness (N/m)	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	76	76	76	76	1.78	0.00115	-	0.3	+0.5	60
110	82.0	100.0	119.0	119.0	5.02	0.00405	66	0.3	+0.8	160
130	88.0	100.0	131.0	131.0	5.48	0.00780	130	0.4	+0.8	315
150	101.0	129.5	152.0	152.0	11.1	0.01810	175	0.4	+0.9	600
180	142.0	155.5	188.0	188.0	16.60	0.04340	229	0.4	+1.1	900
230	164.5	202.0	239.5	239.5	26.00	0.12068	587	0.5	+1.3	2000
280	207.5	246.5	285.5	285.5	50.00	0.44853	1025	0.5	+1.7	3150

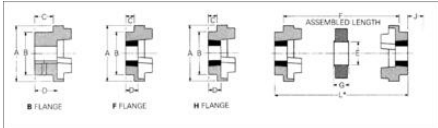


PHYSICAL DIMENSIONS AND CHARACTERISTICS

Common Dimensions						Type F & H					Type B							
Size	Common Dimensions					Max. Bore		Bore Dia's			Max. Bore		Bore Dia's					
	A	B	E	F	G	Bush mm	in.	C	D	J1	Max.	Pilot	Max.	Pilot	Max.	Pilot		
70	69	31	25	18.0	1008	28	1"	20.0	23.5	29	32	8	M 6	20	23.5	29	32	8
90	85	30	32	30.5	1225	28	1 1/8	18.5	23.5	29	42	10	M 6	26	30.0	32	30.5	10
110	112	30	45	40.0	1400	42	1 1/2	18.5	26.5	38	55	10	M10	31	45.0	40	38	10
130	130	105	60	60.0	1610	42	1 1/2	18.0	26.5	38	60	15	M10	39	47.5	60	60.0	15
150	150	115	62	60.0	1800	60	2	24.5	33.5	42	70	20	M10	46	66.0	62	60.0	20
180	180	125	77	73.0	2017	60	2 1/4	34.5	48.5	48	80	25	M10	55	70.0	77	73.0	25
230	225	185	99	88.5	2400	75	3	39.5	52.5	55	100	25	M12	77	90.0	99	88.5	25
280	275	205	119	105.5	2825	100	4	51.0	66.5	67	115	30	M16	90	105.5	119	105.5	30

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 F, F1 refers to combinations of flanges: FF, FH, HH, FB, HB, BB.
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Size	Assembled Length (L*) Comprising Flange Types				Mass (kg)	Inertia M ² (kgm ²)	Dynamic Stiffness (N/m)	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	82.5	1.78	0.00115	-	0.3	+0.5	60
110	82.0	100.0	119.0	119.0	5.02	0.00405	66	0.3	+0.8	160
130	88.0	100.0	131.0	131.0	5.48	0.00780	130	0.4	+0.8	315
150	101.0	129.5	152.0	152.0	11.1	0.01810	175	0.4	+0.9	600
180	142.0	155.5	188.0	188.0	16.60	0.04340	229	0.4	+1.1	900
230	164.5	202.0	239.5	239.5	26.00	0.12068	587	0.5	+1.3	2000
280	207.5	246.5	285.5	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	3150	3150
100	0.33	0.64	1.68	3.30	6.29	9.99	20.89	33.00		
200	0.66	1.28	3.36	6.60	12.58	19.98	41.78	66.00		
400	1.32	2.56	6.72	13.20	25.16	39.96	83.56	132.00		
600	2.00	3.84	10.08	19.80	37.74	59.94	125.34	198.00		
720	2.37	4.63	12.10	23.80	45.20	71.40	151.00	238.00		
800	2.66	5.12	13.44	26.40	50.36	78.32	166.08	264.00		
960	3.17	6.04	16.10	31.70	60.30	96.50	201.00	317.00		
1200	3.96	7.68	20.16	39.60	75.45	119.00	255.00	396.00		
1440	4.75	9.38	24.10	47.50	90.50	143.00	302.00	475.00		
1600	5.28	10.24	26.88	52.80	100.00	159.00	335.00	528.00		
1800	5.94	11.52	29.80	59.40	113.00	179.00	377.00	594.00		
2000	6.60	12.80	33.00	66.00	126.00	199.00	419.00	660.00		
2200	7.26	14.08	36.36	72.70	139.00	219.00	461.00	726.00		
2400	7.92	15.36	40.00	79.20	151.00	239.00	503.00	792.00		
2600	8.58	16.64	43.20	85.80	163.00	259.00	545.00	858.00		
2880	9.50	18.10	48.30	95.00	181.00	286.00	600.00	950.00		
3000	9.90	19.00	50.00	99.00	190.00	300.00	645.00	990.00		
3600	11.90	22.50	60.30	119.00	225.00	360.00	765.00	1190.00		
Nominal Torque (Nm)	315	60	160	315	600	960	2000	3150		
Max Torque (Nm)	12	180	360	720	1000	2300	5000	7200		