

HRC KYTKIMET

Sähkömoottoreihin

HRC 110 B

Kytin esiporattu akselireikä

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



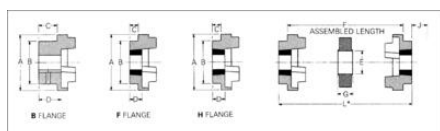
TUOTEKUVAUS

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.

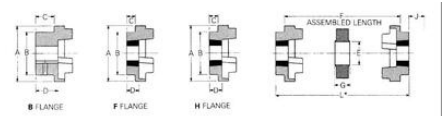
TEKNISET TIEDOT

TIEDOT

A	112 mm
B	100 mm
C	37 mm
D	45 mm
E	45 mm
F	45 mm
G	29 mm
Koko	110
Ruuvien koko	M10
Onton akselin maksimi halkaisija	55 mm
Maximum bore	55 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	37.70	59.70	125.40	198.00
800	2.63	6.67	12.80	25.12	50.24	79.60	167.20	264.00
1000	3.32	8.40	16.00	31.36	62.72	99.50	209.00	330.00
1200	3.98	10.10	19.20	37.70	75.28	119.40	250.80	396.00
1400	4.63	11.80	22.40	44.16	87.84	139.30	292.60	462.00
1600	5.29	13.45	25.60	50.56	100.40	159.20	334.40	528.00
1800	5.95	15.10	28.80	56.96	112.96	179.10	376.20	594.00
2000	6.60	16.80	32.00	63.36	125.52	199.00	418.00	660.00
2200	7.26	18.45	35.20	69.76	138.08	218.90	459.80	726.00
2400	7.92	20.10	38.40	76.16	150.64	238.80	501.60	792.00
2600	8.58	21.75	41.60	82.56	163.20	258.70	543.40	858.00
2800	9.24	23.40	44.80	88.96	175.76	278.60	585.20	924.00
3000	9.90	25.10	48.00	95.36	188.32	298.50	627.00	990.00
3600	11.88	30.10	57.60	114.40	225.60	358.20	756.00	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

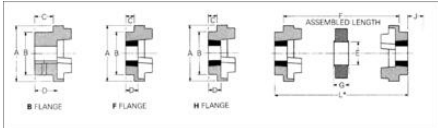


PHYSICAL DIMENSIONS AND CHARACTERISTICS

Common Dimensions										Type F & H					Type B			
Size	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	1260	42	1 7/8	18.5	26.5	38	55	10	M10	31	45.0	40	39	10
130	130	105	60	60.0	1610	42	1 7/8	18.0	26.5	38	60	15	M10	39	47.5	60	59	15
150	150	115	62	60.0	1810	60	2	24.5	33.5	42	70	20	M10	46	66.0	62	60	20
180	180	125	77	73.0	2010	60	2 1/8	34.5	48.5	48	80	25	M10	55	70.0	77	73	25
220	225	155	99	88.5	2400	75	3	39.5	52.5	55	100	25	M12	77	90.0	99	90	25
280	275	205	119	105.5	3025	100	4	51.0	66.5	67	115	30	M16	90	105.5	119	105	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/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	90	5.02	0.00400	66	0.3	+0.8	160
130	88.0	110.0	131.0	94	5.48	0.00780	130	0.4	+0.8	315
150	101.0	129.0	152.0	111	6.00	0.01810	175	0.4	+0.9	600
180	142.0	165.0	188.0	160	16.00	0.04340	229	0.4	+1.1	900
220	164.5	202.0	239.5	200	26.00	0.12068	287	0.5	+1.3	2000
280	207.5	246.5	285.5	250	50.00	0.44853	1025	0.5	+1.7	3150



Speed rpm/min	Coupling Size									
	70	90	110	130	150	180	220	280	350	450
100	0.33	0.64	1.68	3.30	6.28	9.96	20.89	33.00	50.00	66.00
200	0.66	1.28	3.36	6.60	12.56	19.92	41.78	66.00	100.00	132.00
400	1.32	2.56	6.72	13.20	25.12	39.84	83.56	132.00	200.00	264.00
600	2.00	3.84	10.08	19.80	37.68	59.76	125.34	200.00	300.00	396.00
720	2.88	5.76	14.40	28.80	53.76	83.52	174.00	288.00	432.00	576.00
800	3.36	6.72	17.28	33.60	61.44	95.04	201.60	336.00	504.00	672.00
960	4.03	8.06	20.48	40.96	76.32	117.60	250.80	409.60	614.40	819.20
1200	5.28	10.56	26.88	53.76	98.30	149.76	325.44	537.60	806.40	1075.20
1440	6.40	12.80	32.64	65.28	118.08	179.52	392.16	645.12	967.68	1290.24
1600	6.93	13.86	35.52	71.04	131.52	200.64	437.76	719.04	1078.08	1437.12
1800	7.50	15.00	38.40	76.80	144.00	218.40	481.92	793.92	1190.40	1587.84
2000	8.00	16.00	40.96	81.92	155.84	233.28	518.40	851.52	1279.68	1716.48
2200	8.53	17.06	43.52	87.04	167.68	250.56	558.72	914.88	1377.60	1836.48
2400	9.00	18.00	46.08	92.16	179.52	268.80	600.00	983.04	1482.24	1974.72
2600	9.60	19.20	48.64	97.28	191.36	288.00	648.00	1056.00	1590.72	2121.60
2800	10.13	20.26	51.20	102.40	203.20	307.20	696.96	1130.88	1704.96	2268.48
3000	10.67	21.34	53.76	107.52	215.04	327.36	747.84	1209.60	1824.00	2424.00
3200	11.20	22.40	56.32	112.64	226.88	347.52	799.68	1290.24	1948.80	2579.52
3400	11.73	23.46	58.88	117.76	238.72	367.68	851.52	1371.84	2073.60	2735.04
3600	12.27	24.54	61.44	122.88	250.56	387.84	903.36	1453.44	2198.40	2890.56
Nominal Torque (Nm)	315	60	160	315	600	960	2000	3150	5000	6600
Max Torque (Nm)	72	180	360	720	1000	2200	5000	7200	11000	14400

PHYSICAL DIMENSIONS AND CHARACTERISTICS

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Size	Common Dimensions					Max. Bore		Bore Dia's			Bore Dia's		Scribe over key		
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220	225	155	99	88.5	2400	75	3	39.5	52.5	55	100	25	M12	77	90.0
280	275	205	119	105.5	3025	100	4	51.0	66.5	67	115	30	M16	90	105.5

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