

HRC KYTKIMET

Sähkömoottoreihin

HRC 230 B

Kytin esiporattu akselireikä

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



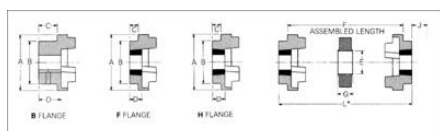
TUOTEKUVAUS

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.

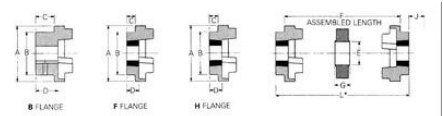
TEKNISET TIEDOT

TIEDOT

A	225 mm
B	155 mm
C	77 mm
D	90 mm
E	99 mm
F	85,5 mm
G	59,5 mm
Koko	230
Ruuvien koko	M12
Onton akselin maksimi halkaisija	100 mm
Maximum bore	100 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	62.55	99.50	209.00	330.00
1200	3.96	10.00	18.85	37.70	75.00	119.40	250.80	396.00
1400	4.62	11.66	22.00	43.95	87.45	139.30	292.60	462.00
1600	5.28	13.32	25.15	50.20	99.90	159.20	334.40	528.00
1800	5.94	14.98	28.30	56.45	112.35	179.10	376.20	594.00
2000	6.60	16.64	31.45	62.70	124.80	199.00	418.00	660.00
2200	7.26	18.30	34.60	68.95	137.25	218.90	459.80	726.00
2400	7.92	19.96	37.75	75.20	149.70	238.80	501.60	792.00
2600	8.58	21.62	40.90	81.45	162.15	258.70	543.40	858.00
2800	9.24	23.28	44.05	87.70	174.60	278.60	585.20	924.00
3000	9.90	24.94	47.20	93.95	187.05	298.50	627.00	990.00
3600	11.88	29.92	56.60	112.35	224.40	358.20	759.00	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

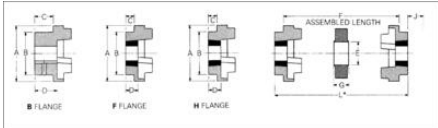


PHYSICAL DIMENSIONS AND CHARACTERISTICS

Common Dimensions										Type F & H				Type B			
Size	A	B	E	F	H	G	Bush Size	Max. Bore	mm	in.	C	D	J1	Bore Dia's			
														Max.	Pilot H8	Screw over key	C D
70	60	31	25.0	18.0	1008	25	1"	25.0	23.5	29	32	8	M 6	20	33.5	M 6	20
90	65	30	32	30.5	1108	28	1 1/8	18.5	23.5	29	42	10	M 6	26	30.0	M 6	26
110	112	100	45	40.0	2510	42	1 7/8	18.5	26.5	38	55	15	M10	31	45.0	M10	31
130	130	105	60	60.0	3610	42	1 7/8	18.0	26.5	38	60	15	M10	39	47.5	M10	39
150	150	115	62	60.0	4010	60	2	24.5	33.5	42	70	25	M12	46	56.0	M12	46
180	180	125	77	73.0	4910	60	2 1/8	34.5	48.5	48	80	25	M12	55	70.0	M12	55
220	225	165	99	85.5	5910	75	3	39.5	52.5	55	100	25	M12	77	80.0	M12	77
280	275	205	119	105.5	7410	100	4	51.0	66.5	67	115	30	M16	90	105.5	M16	90

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/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	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	102.0	131.0	94	5.48	0.00780	130	0.4	+0.9	315
150	101.0	129.5	152.0	111	6.11	0.01810	175	0.4	+0.9	600
180	142.0	165.5	188.0	160	16.60	0.04340	229	0.4	+1.1	900
220	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	220	280		
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	23.76	45.19	71.90	151.00	238.80		
800	2.64	5.12	13.44	26.40	50.35	78.38	166.00	264.00		
900	3.17	6.04	16.10	31.70	60.30	96.50	201.00	317.00		
1000	3.56	6.72	17.92	35.84	67.40	109.00	235.00	356.00		
1400	4.75	9.12	24.10	47.50	90.60	143.00	302.00	475.00		
1600	5.25	10.24	26.88	53.76	101.00	159.00	335.00	525.00		
1800	5.84	11.36	29.60	59.40	113.00	179.00	377.00	584.00		
2000	6.40	12.50	32.64	65.28	125.00	199.00	419.00	640.00		
2200	7.00	13.76	35.84	71.68	138.00	219.00	461.00	700.00		
2400	7.60	15.04	38.40	78.00	151.00	239.00	503.00	760.00		
2600	8.20	16.32	41.60	84.48	164.00	259.00	545.00	820.00		
2800	8.80	17.60	44.80	90.80	177.00	279.00	587.00	880.00		
3000	9.40	18.88	48.00	97.20	189.00	299.00	629.00	940.00		
3600	11.90	24.00	60.30	119.00	235.00					
Nominal Torque (Nm)	315	60	160	315	600	960	2000	3150		
Max Torque (Nm)	12	180	360	720	1000	2200	5000	7200		

PHYSICAL DIMENSIONS AND CHARACTERISTICS

Common Dimensions										Type F & H				Type B			
Size	A	B	E	F	H	G	Bush Size	Max. Bore	mm	in.	C	D	J1	Bore Dia's			
														Max.	Pilot H8	Screw over key	C D
70	60	31	25.0	18.0	1008	25	1"	25.0	23.5	29	32	8	M 6	20	33.5	M 6	20
90	65	30	32	30.5	1108	28	1 1/8	18.5	23.5	29	42	10	M 6	26	30.0	M 6	26
110	112	100	45	40.0	2510	42	1 7/8	18.5	26.5	38	55	15	M10	31	45.0	M10	31
130	130	105	60	60.0	3610	42	1 7/8	18.0	26.5	38	60	15	M10	39	47.5	M10	39
150	150	115	62	60.0	4010	60	2	24.5	33.5	42	70	25	M12	46	56.0	M12	46
180	180	125	77	73.0	4910	60	2 1/8	34.5	48.5	48	80	25	M12	55	70.0	M12	55
220	225	165	99	85.5	5910	75	3	39.5	52.5	55	100	25	M12	77	80.0	M12	77
280	275	205	119	105.5	7410	100	4	51.0	66.5	67	115	30	M16	90	105.5	M16	90

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/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	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	102.0	131.0	94	5.48	0.00780	130	0.4	+0.9	315
150	101.0	129.5	152.0	111	6.11	0.01810	175	0.4	+0.9	600
180	142.0	165.5	188.0	160	16.60	0.04340	229	0.4	+1.1	900
220	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	