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PL 9, 20101 TURKU

HRC KYTKIMET

Sähkömoottoreihin

HRC 280 H
Kytkin H taper-lock kiinnityksellä

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

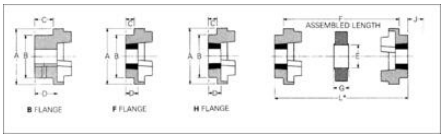
TUOTEKUVAUS

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 kytkimiä on myöskin saatavana palonkestävänä ja antistaattisena.

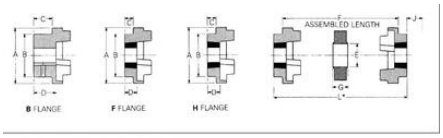
TEKNISET TIEDOT

TIEDOT

A	275 mm
B	206 mm
C	51 mm
D	66,5 mm
E	119 mm
F	105,5 mm
G	74,5 mm
J	67 mm
Koko	280
Taper-lock holkin koko	3525
Onton akselin maksimi halkaisija	100 mm
Maximum bore	100 mm



Speed rev/min	Coupling Size							
	70	**90**	**110**	**130**	**150**	**180**	**230**	**280**
100	0.33	0.84	1.68	3.30	6.28	9.95	20.90	33.00
200	0.66	1.68	3.35	6.60	12.60	19.90	41.90	65.00
400	1.32	3.35	6.70	13.20	25.10	39.80	83.80	132.00
600	1.98	5.03	10.10	19.80	37.70	59.70	126.00	198.00
720	**2.37**	**6.03**	**12.10**	**23.80**	**45.20**	**71.60**	**151.00**	**238.00**
800	2.64	6.70	13.40	26.40	50.30	79.60	168.00	264.00
960	**3.17**	**8.04**	**16.10**	**31.70**	**60.30**	**95.50**	**201.60**	**317.00**
1200	3.96	10.10	25.10	39.60	75.40	119.00	252.00	396.00
1440	**4.75**	**12.10**	**24.10**	**47.50**	**90.50**	**143.00**	**302.00**	**475.00**
1600	5.28	13.40	26.80	52.80	101.00	159.00	335.00	528.00
1800	5.94	15.10	30.20	59.40	113.00	179.00	377.00	594.00
2000	6.60	16.80	33.50	66.00	126.00	199.00	419.00	660.00
2200	7.26	18.40	36.90	72.60	138.00	219.00	461.00	726.00
2400	7.92	20.10	40.20	79.20	151.00	239.00	503.00	
2600	8.58	21.80	43.60	85.80	163.00	259.00	545.00	
2880	**9.50**	**24.10**	**48.30**	**95.00**	**181.00**	**286.00**		
3000	9.90	25.10	50.30	99.00	188.00	298.00		
3600	11.90	30.10	60.30	118.00	226.00			
Nominal Torque (Nm)	315	80	160	315	600	950	2000	3150
Max Torque (Nm)	72	180	360	720	1500	2350	5000	7200

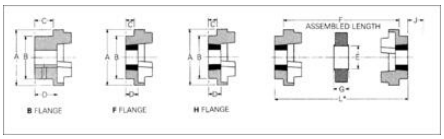


PHYSICAL DIMENSIONS AND CHARACTERISTICS

	Common Dimensions					Type F & H						Type B				
							Max. Bore					Bore Dia's				
Size	A	B	E	F,‡	G	Bush size	mm	ins.	C	D	J†	Max.	Pilot H9	Screw over key	C	D
70	69	60	31	25.0	18.0	1008	25	1"	20.0	23.5	29	32	8	M 6	20	23.5
90	85	70	32	30.5	22.5	1108	28	1⅛	19.5	23.5	29	42	10	M 6	26	30.0
110	112	100	45	45.0	29.0	1610	42	1⅝	18.5	26.5	38	55	10	M10	37	45.0
130	130	105	50	53.0	36.0	1610	42	1⅝	18.0	26.5	38	60	15	M10	39	47.5
150	150	115	62	60.0	40.0	2012	50	2	23.5	33.5	42	70	20	M10	46	56.0
180	180	125	77	73.0	49.0	2517	60	2⅜	34.5	46.5	48	80	25	M10	58	70.0
230	225	155	99	85.5	59.5	3020	75	3	39.5	52.5	55	100	25	M12	77	90.0
280	275	206	119	105.5	74.5	3525	100	4	51.0	66.5	67	115	30	M16	90	105.5

† J' is the wrench clearance required for tightening/loosening the bush on the shaft. A shortened wrench will allow this dimension to be reduced.
‡ F, refers to combinations of flanges: FF, FH, HH, FB, HB, BB.
Bore limits H7 unless otherwise specified.

Size	Assembled Length (L*) Comprising Flange Types			Mass (kg)	Inertia Mr² (kgm²)	Dynamic Stiffness (Nm/²)	Maximum Misalignment		Nominal Torque (Nm)
	FF FH, HH	FB,HB	BB				Parallel	Axial	
70	65.0	65.0	65.0	1.00	0.00085	–	0.3	+0.2	31
90	69.5	76.0	82.5	1.78	0.00115	–	0.3	+0.5	80
110	82.0	100.5	119.0	5.00	0.00400	65	0.3	+0.6	160
130	89.0	110.0	131.0	5.46	0.00780	130	0.4	+0.8	315
150	1070	129.5	152.0	711	0.01810	175	0.4	+0.9	600
180	142.0	165.5	189.0	16.60	0.04340	229	0.4	+1.1	950
230	164.5	202.0	239.5	26.00	0.12068	587	0.5	+1.3	2000
280	207.5	246.5	285.5	50.00	0.44653	1025	0.5	+1.7	3150



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200	0.66	1.68	3.35	6.60	12.60	19.90	41.90	66.00
400	1.32	3.35	6.70	13.20	25.10	39.80	83.80	132.00
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800	2.64	6.70	13.40	26.40	50.30	79.60	168.00	264.00
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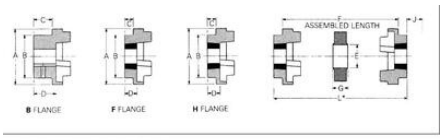
1200	3.96	10.10	25.10	39.60	75.40	119.00	252.00	396.00
1440	**4.75**	**12.10**	**24.10**	**4750**	**90.50**	**143.00**	**302.00**	**475.00**
1600	5.28	13.40	26.80	52.80	101.00	159.00	335.00	528.00
1800	5.94	15.10	30.20	59.40	113.00	179.00	37700	594.00
2000	6.60	16.80	33.50	66.00	126.00	199.00	419.00	660.00
2200	726	18.40	36.90	72.60	138.00	219.00	461.00	726.00
2400	792	20.10	40.20	79.20	151.00	239.00	503.00	
2600	8.58	21.80	43.60	85.80	163.00	259.00	545.00	
2880	**9.50**	**24.10**	**48.30**	**95.00**	**181.00**	**286.00**		
3000	9.90	25.10	50.30	99.00	188.00	298.00		
3600	11.90	30.10	60.30	118.00	226.00			
Nominal Torque (Nm)	31.5	80	160	315	600	950	2000	3150
Max Torque (Nm)	72	180	360	720	1500	2350	5000	7200



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