

HRC KYTKIMET

Sähkömoottoreihin

HRC 280 B

Kytin esiporattu akselireikä

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



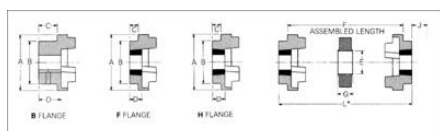
TUOTEKUVAUS

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.

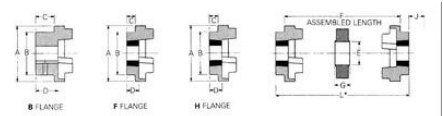
TEKNISET TIEDOT

TIEDOT

A	275 mm
B	206 mm
C	90 mm
D	105,5 mm
E	119 mm
F	105,5 mm
G	74,5 mm
Koko	280
Ruuvien koko	M16
Onton akselin maksimi halkaisija	115 mm
Maximum bore	115 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	5.03	10.10	18.80	37.70	59.70	125.00	198.00
800	2.63	6.71	13.40	25.10	50.10	79.60	166.00	264.00
1000	3.28	8.39	16.75	31.40	62.50	99.50	209.00	330.00
1200	3.94	10.10	20.10	37.70	75.00	119.00	250.00	396.00
1400	4.59	11.78	23.45	43.95	87.50	139.00	291.00	462.00
1600	5.24	13.45	26.80	50.20	100.00	159.00	332.00	528.00
1800	5.89	15.12	30.20	56.45	112.50	179.00	373.00	594.00
2000	6.54	16.79	33.55	62.70	125.00	199.00	414.00	660.00
2200	7.19	18.46	36.90	68.95	137.50	219.00	455.00	726.00
2400	7.84	20.12	40.25	75.20	150.00	239.00	496.00	792.00
2600	8.49	21.79	43.60	81.45	162.50	259.00	537.00	858.00
2800	9.14	23.45	46.95	87.70	175.00	279.00	578.00	924.00
3000	9.79	25.12	50.30	93.95	187.50	299.00	619.00	990.00
3600	11.78	30.20	60.40	112.50	225.00	359.00	740.00	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

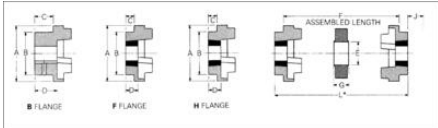


PHYSICAL DIMENSIONS AND CHARACTERISTICS

Common Dimensions										Type F & H				Type B			
Size	A	B	E	F x H	G	Bore Size	mm	Inch	J1	C	D	J1	Max.	Bore Dia's	Pilot Hole	Screw	Torque
70	69	31	25.0	18.0	1008	25	1"	25.0	23.5	29	32	8	M 6	20	M 6	20	23.5
90	85	30	32	30.5	1108	28	1 1/8	18.5	23.5	29	42	10	M 6	20	M 6	20	30.0
110	112	100	45	40.0	1310	42	1 3/4	18.5	26.5	38	55	15	M10	31	M10	31	45.0
130	130	105	60	60.0	1610	42	1 3/4	18.0	26.5	38	60	15	M10	39	M10	39	47.5
150	150	115	62	60.0	1810	60	2	23.5	33.5	42	70	20	M12	46	M12	46	56.0
180	180	125	77	73.0	2010	60	2 1/4	34.5	48.5	48	80	25	M16	55	M16	55	70.0
220	225	155	99	85.5	2400	75	3	39.5	52.5	55	100	25	M12	77	M12	77	80.0
280	275	205	119	105.5	3025	100	4	51.0	66.5	67	115	30	M16	90	M16	90	105.5

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	+0.8	315
150	101.0	129.5	152.0	111	6.11	0.01810	175	0.4	+0.9	600
180	142.0	155.5	188.0	160	16.00	0.04340	229	0.4	+1.1	990
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	300	160.00	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	4.61	12.10	23.80	45.19	71.80	151.00	238.00		
800	2.64	5.12	13.44	26.40	50.35	78.35	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	108.00	225.00	356.00		
1400	4.75	9.12	24.10	47.50	90.60	143.00	302.00	475.00		
1600	5.36	10.24	27.12	54.40	103.40	159.00	335.00	536.00		
1800	5.94	11.10	29.80	59.40	113.00	173.00	377.00	594.00		
2000	6.60	12.20	33.00	66.00	126.00	188.00	418.00	660.00		
2200	7.26	13.40	36.36	72.72	139.00	218.00	461.00	726.00		
2400	7.92	14.40	39.60	79.20	151.00	239.00	503.00	792.00		
2600	8.59	15.60	43.00	85.80	163.00	259.00	545.00	859.00		
2800	9.50	17.10	47.50	95.00	181.00	286.00	600.00	950.00		
3000	10.00	18.00	50.00	100.00	190.00	300.00	640.00	1000.00		
3600	11.90	21.60	60.30	119.00	225.00					
Nominal Torque (Nm)	315	60	160	315	600	990	2000	3150		
Max Torque (Nm)	12	180	360	720	1000	2300	5000	7200		

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