



OEM Finland Oy | Puh: 0207 499 499 | info@oem.fi | www.oem.fi
PL 9, 20101 TURKU

Fenner®

HRC KYTKIMET

Sähkömoottoreihin

HRC 150 G
Kytkelementti

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



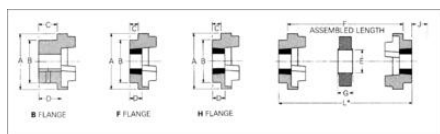
TUOTEKUVAUS

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 kytкимиä on myöskin saatavana palonkestävänä ja antistaattisena.

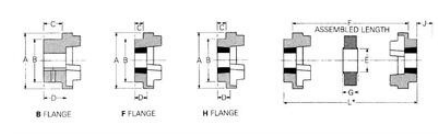
TEKNISET TIEDOT

TIEDOT

A	150 mm
B	115 mm
E	62 mm
F	60 mm
G	40 mm
Koko	150



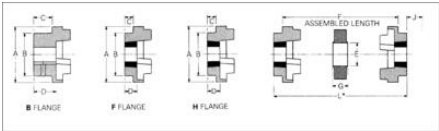
Speed rpm/min	70	90	110	130	150	180	230	280
100	0.33	0.84	1.68	3.36	6.28	9.95	20.90	33.00
200	0.66	1.68	3.36	6.72	12.56	19.90	41.80	66.00
400	1.32	3.36	6.72	13.44	25.12	39.80	83.60	132.00
600	1.98	5.04	10.08	20.16	37.70	59.70	125.40	198.00
720	2.37	6.03	12.10	23.80	45.20	71.80	151.00	238.00
900	2.97	7.54	15.08	29.76	56.50	86.30	181.00	291.00
1140	3.78	9.54	19.08	38.16	72.64	110.00	231.00	366.00
1440	4.75	12.10	24.16	48.32	90.80	138.00	290.00	459.00
1800	5.94	15.08	30.16	60.16	113.00	172.00	359.00	564.00
2000	6.58	16.80	33.60	67.20	125.00	190.00	400.00	620.00
2200	7.29	18.48	36.96	73.92	136.00	208.00	440.00	680.00
2400	8.00	20.16	40.32	80.64	147.00	226.00	480.00	740.00
2800	9.54	24.16	48.32	96.64	181.00	280.00	580.00	890.00
3000	10.50	26.16	52.32	104.64	198.00	308.00	640.00	980.00
3600	12.60	31.68	63.36	126.72	238.00	370.00	780.00	1190.00
Nominal Torque (Nm)	31.5	80	160	315	600	950	2000	3150
Max Torque (Nm)	72	180	360	720	1500	2350	5000	7200



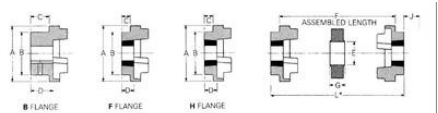
PHYSICAL DIMENSIONS AND CHARACTERISTICS													
Size	Common Dimensions					Type F & H				Type B			
	A	B	E	F	G	Bush mm	Max. Bore mm	C	D	J ¹	Max. Misalignment mm	Pin mm	Screw over key
70	69	60	31	25.0	18.0	1008	25	17	20.0	23.5	29	32	8
90	85	70	32	30.5	22.0	1108	28	19	19.5	23.5	29	42	10
110	112	100	48	45.0	29.0	1810	42	19	18.5	28.5	38	50	10
130	130	105	50	53.0	36.0	1610	42	19	18.0	25.5	38	60	15
150	150	115	62	60.0	40.0	2002	60	2	22.5	33.5	42	70	20
180	180	125	77	73.0	49.0	2517	60	2	34.5	48.5	48	80	25
230	225	155	88	88.5	59.0	3200	75	3	38.5	52.5	55	100	25
280	275	200	119	105.5	74.5	3025	100	4	51.0	66.5	67	115	30

¹ J¹ is the stretch value as indicated for tightening (turning the bush on the shaft). A shortened stretch will allow this dimension to be reduced.
F.F. refers to combinations of Torques: FF FH, FH FF, FF HH, HH FF.

Size	Assembled Length (L ¹) Compensating Torque Types			Mass kg	Inertia I _x kgm ²	Dynamic Stiffness Nm/rad	Maximum Misalignment		Nominal Torque (Nm)
	FF FH HH	FF HH	HH				Parallel	Angular	
70	65.0	65.0	65.0	1.00	0.00066	-	0.3	+0.2	31
90	88.5	78.5	181.5	1.18	0.00115	-	0.3	+0.5	80
110	85.0	100.0	119.0	8.00	0.00400	60	0.3	+0.8	180
130	88.0	100.0	131.0	9.48	0.00780	120	0.4	+0.8	215
150	107.0	129.5	152.0	11	0.01810	175	0.4	+0.9	600
180	142.0	165.5	188.0	16.00	0.04340	225	0.4	+1.1	950
230	164.5	202.0	238.5	26.00	0.12080	285	0.5	+1.3	2000
280	207.5	248.5	286.5	50.00	0.44600	305	0.5	+1.7	3150



Speed rpm/min	Coupling Size									
	70	90	110	130	150	180	230	280		
100	0.33	0.84	1.68	3.36	6.28	9.96	20.90	33.00		
200	0.66	1.68	3.36	6.72	12.56	19.92	41.80	66.00		
400	1.32	3.36	6.72	13.44	25.12	39.84	83.60	132.00		
600	1.98	5.04	10.08	20.16	37.68	59.76	125.40	198.00		
720	2.37	6.03	12.10	23.80	45.20	71.80	151.00	238.00		
800	2.66	6.72	13.44	26.88	50.12	79.20	166.00	266.00		
900	3.17	8.04	16.10	31.70	60.30	95.00	201.00	317.00		
1000	3.36	8.40	16.80	33.60	63.40	100.00	212.00	336.00		
1100	3.75	9.24	18.48	36.96	69.84	110.00	232.00	375.00		
1200	4.04	9.96	19.92	39.84	74.24	118.00	246.00	404.00		
1400	4.75	11.76	23.52	47.04	88.40	142.00	292.00	475.00		
1600	5.28	13.44	26.88	53.76	100.00	158.00	328.00	528.00		
1800	5.94	15.12	30.24	60.48	113.00	178.00	372.00	594.00		
2000	6.60	16.80	33.60	67.20	125.00	198.00	418.00	660.00		
2200	7.26	18.48	36.96	74.00	138.00	219.00	460.00	726.00		
2400	7.92	20.16	40.32	80.64	150.00	240.00	503.00	792.00		
2600	8.58	21.84	43.68	87.36	163.00	262.00	545.00	858.00		
2800	9.24	23.52	47.04	94.08	176.00	286.00	590.00	924.00		
3000	9.90	25.12	50.24	100.80	188.00	310.00	636.00	990.00		
3600	11.88	30.24	60.48	121.00	225.00					
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 I	G	Bushing size	Max. Bore		J1	Bore Dia's				Screw			
							mm	ins.		C	D	Max.	Pilot HB	inner HB	C	D	
70	68	60	31	25.0	19.0	1000	26	1"	29.0	23.5	29	32	8	M 6	70	23.5	
90	85	70	32	30.5	22.5	1108	28	1 1/8	18.5	23.5	29	42	10	M 6	26	30.0	
110	112	90	45	45.0	29.0	1810	42	1 1/2	18.5	26.5	38	50	10	M10	37	45.0	
130	130	105	60	60.0	36.0	1610	42	1 1/2	18.0	26.5	38	60	16	M10	39	47.5	
150	150	115	62	62.0	40.0	2002	60	2	23.5	33.5	42	70	20	M10	46	56.0	
180	180	125	77	73.0	49.0	2517	60	2 1/8	34.5	48.5	48	80	25	M10	55	70.0	
230	225	165	99	88.5	69.0	3000	75	3	38.5	52.5	55	100	25	M12	77	90.0	
280	275	205	119	105.5	74.5	3025	100	4	51.0	66.5	67	115	30	M16	90	105.5	

J1 is the screw clearance required for assembling the bush on the shaft. A shortened screw will allow this dimension to be reduced.
J1 refers to combinations of flanges: FF, FH, HH, FE, HB, BB.
Bore limits H7 unless otherwise specified.

Size	Assembled Length (L*) Coupling Range (F*)				Mass kg	Inertia I _M kg·m ²	Dynamic Stiffness (Nm/r)	Maximum Misalignment		Nominal Torque (Nm)
	FF	FH	HH	BB				Parallel	Axial	
70	65.0	65.0	65.0	1.00	0.00095	-	0.3	+0.2	31	
90	68.5	76.0	82.5	1.76	0.00115	-	0.3	+0.5	80	
110	82.0	100.5	119.0	5.02	0.00405	66	0.3	+0.6	160	
130	95.0	110.0	131.0	9.46	0.02780	120	0.4	+0.8	315	
150	107.0	129.5	152.0	11.00	0.01810	175	0.4	+0.9	600	
180	142.0	165.5	198.0	16.00	0.04390	220	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	246.0	286.5	50.00	0.44693	1025	0.5	+1.7	3150	