

AKSELKOBLING

Serie HRC

HRC 070 B

- Rask montering



PRODUKTBESKRIVELSE

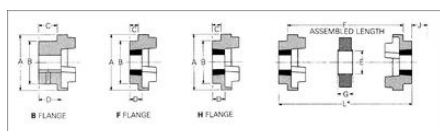
HRC-serien er semielastiske og egner seg meget godt til motoraksler.

Koblingene er raske å montere, og er en enkel måte å koble sammen en drivenhet på.

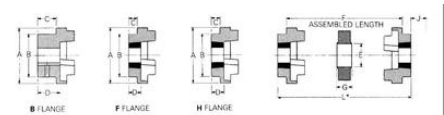
Kan fås brannresistente og antistatiske.

TEKNISKE DATA

A	69 mm
B	60 mm
C	20 mm
D	23,5 mm
E	31 mm
F	25 mm
G	18 mm
Hulakseldiameter maks.	32 mm
Maximum bore	32 mm
Skruestørrelse	M6
Størrelse	70



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	19.90	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	37.68	59.70	125.40	198.00
720	2.37	6.03	12.10	23.80	45.20	71.60	151.00	238.00
900	2.85	7.23	14.46	28.92	54.24	85.92	181.20	285.00
1050	3.17	7.98	15.96	31.92	60.36	95.94	201.60	315.00
1200	3.56	8.80	17.60	35.20	67.36	106.40	222.40	352.00
1400	4.18	10.10	20.20	40.40	77.44	122.80	256.00	400.00
1600	4.76	11.36	22.72	45.44	86.72	137.60	284.80	448.00
1800	5.34	12.60	25.20	50.40	96.00	152.80	313.60	496.00
2000	5.94	13.80	27.60	55.20	105.60	167.60	342.40	544.00
2200	6.50	15.00	30.00	60.00	115.20	182.40	371.20	592.00
2400	7.06	16.20	32.40	64.80	124.80	197.60	400.00	640.00
2600	7.62	17.40	34.80	69.60	134.40	212.80	428.80	688.00
2800	8.18	18.60	37.20	74.40	144.00	228.00	457.60	736.00
3000	8.75	19.80	39.60	79.20	153.60	243.20	486.40	784.00
3600	10.50	23.40	46.80	93.60	184.32	291.84	583.68	937.60
4200	12.25	27.00	54.00	108.00	215.04	340.48	680.96	1091.20
4800	14.00	30.60	61.20	122.40	245.76	389.12	778.24	1244.80
5400	15.75	34.20	68.40	136.80	276.48	437.76	875.52	1398.40
6000	17.50	37.80	75.60	151.20	307.20	486.40	972.80	1552.00
6600	19.25	41.40	82.80	165.60	337.92	535.04	1070.08	1705.60
7200	21.00	45.00	90.00	180.00	368.64	583.68	1167.36	1859.20
7800	22.75	48.60	97.20	194.40	399.36	632.32	1264.64	2012.80
8400	24.50	52.20	104.40	208.80	430.08	680.96	1361.92	2166.40
9000	26.25	55.80	111.60	223.20	460.80	729.60	1459.20	2320.00
9600	28.00	59.40	118.80	237.60	491.52	778.24	1556.48	2473.60
10200	29.75	63.00	126.00	252.00	522.24	826.88	1653.76	2627.20
10800	31.50	66.60	133.20	266.40	552.96	875.52	1751.04	2780.80
11400	33.25	70.20	140.40	280.80	583.68	924.16	1848.32	2934.40
12000	35.00	73.80	147.60	295.20	614.40	972.80	1945.60	3088.00
12600	36.75	77.40	154.80	309.60	645.12	1021.44	2042.88	3241.60
13200	38.50	81.00	162.00	324.00	675.84	1070.08	2140.16	3395.20
13800	40.25	84.60	169.20	338.40	706.56	1118.72	2237.44	3548.80
14400	42.00	88.20	176.40	352.80	737.28	1167.36	2334.72	3702.40
15000	43.75	91.80	183.60	367.20	768.00	1216.00	2432.00	3856.00
15600	45.50	95.40	190.80	381.60	798.72	1264.64	2529.28	4009.60
16200	47.25	99.00	198.00	396.00	829.44	1313.28	2626.56	4163.20
16800	49.00	102.60	205.20	410.40	860.16	1361.92	2723.84	4316.80
17400	50.75	106.20	212.40	424.80	890.88	1410.56	2821.12	4470.40
18000	52.50	109.80	219.60	439.20	921.60	1459.20	2918.40	4624.00
18600	54.25	113.40	226.80	453.60	952.32	1507.84	3015.68	4777.60
19200	56.00	117.00	234.00	468.00	983.04	1556.48	3112.96	4931.20
19800	57.75	120.60	241.20	482.40	1013.76	1605.12	3210.24	5084.80
20400	59.50	124.20	248.40	496.80	1044.48	1653.76	3307.52	5238.40
21000	61.25	127.80	255.60	511.20	1075.20	1702.40	3404.80	5392.00
21600	63.00	131.40	262.80	525.60	1105.92	1751.04	3502.08	5545.60
22200	64.75	135.00	270.00	540.00	1136.64	1800.00	3599.36	5699.20
22800	66.50	138.60	277.20	554.40	1167.36	1848.64	3696.64	5852.80
23400	68.25	142.20	284.40	568.80	1198.08	1897.28	3793.92	6006.40
24000	70.00	145.80	291.60	583.20	1228.80	1945.92	3891.20	6160.00
24600	71.75	149.40	298.80	597.60	1259.52	1994.56	3988.48	6313.60
25200	73.50	153.00	306.00	612.00	1290.24	2043.20	4085.76	6467.20
25800	75.25	156.60	313.20	626.40	1320.96	2091.84	4183.04	6620.80
26400	77.00	160.20	320.40	640.80	1351.68	2140.48	4280.32	6774.40
27000	78.75	163.80	327.60	655.20	1382.40	2189.12	4377.60	6928.00
27600	80.50	167.40	334.80	669.60	1413.12	2237.76	4474.88	7081.60
28200	82.25	171.00	342.00	684.00	1443.84	2286.40	4572.16	7235.20
28800	84.00	174.60	349.20	698.40	1474.56	2335.04	4669.44	7388.80
29400	85.75	178.20	356.40	712.80	1505.28	2383.68	4766.72	7542.40
30000	87.50	181.80	363.60	727.20	1536.00	2432.32	4864.00	7696.00
30600	89.25	185.40	370.80	741.60	1566.72	2480.96	4961.28	7849.60
31200	91.00	189.00	378.00	756.00	1597.44	2529.60	5058.56	8003.20
31800	92.75	192.60	385.20	770.40	1628.16	2578.24	5155.84	8156.80
32400	94.50	196.20	392.40	784.80	1658.88	2626.88	5253.12	8310.40
33000	96.25	199.80	400.00	799.20	1689.60	2675.52	5350.40	8464.00
33600	98.00	203.40	407.20	813.60	1720.32	2724.16	5447.68	8617.60
34200	99.75	207.00	414.40	828.00	1751.04	2772.80	5544.96	8771.20
34800	101.50	210.60	421.60	842.40	1781.76	2821.44	5642.24	8924.80
35400	103.25	214.20	428.80	856.80	1812.48	2870.08	5739.52	9078.40
36000	105.00	217.80	436.00	871.20	1843.20	2918.72	5836.80	9232.00
36600	106.75	221.40	443.20	885.60	1873.92	2967.36	5934.08	9385.60
37200	108.50	225.00	450.40	900.00	1904.64	3016.00	6031.36	9539.20
37800	110.25	228.60	457.60	914.40	1935.36	3064.64	6128.64	9692.80
38400	112.00	232.20	464.80	928.80	1966.08	3113.28	6225.92	9846.40
39000	113.75	235.80	472.00	943.20	1996.80	3161.92	6323.20	10000.00
39600	115.50	239.40	479.20	957.60	2027.52	3210.56	6420.48	10153.60
40200	117.25	243.00	486.40	972.00	2058.24	3259.20	6517.76	10307.20
40800	119.00	246.60	493.60	986.40	2088.96	3307.84	6615.04	10460.80
41400	120.75	250.20	500.80	1000.80	2119.68	3356.48	6712.32	10614.40
42000	122.50	253.80	508.00	1015.20	2150.40	3405.12	6809.60	10768.00
42600	124.25	257.40	515.20	1029.60	2181.12	3453.76	6906.88	10921.60
43200	126.00	261.00	522.40	1044.00	2211.84	3502.40	7004.16	11075.20
43800	127.75	264.60	529.60	1058.40	2242.56	3551.04	7101.44	11228.80
44400	129.50	268.20	536.80	1072.80	2273.28	3599.68	7198.72	11382.40
45000	131.25	271.80	544.00	1087.20	2304.00	3648.32	7296.00	11536.00
45600	133.00	275.40	551.20	1101.60	2334.72	3696.96	7393.28	11689.60
46200	134.75	279.00	558.40	1116.00	2365.44	3745.60	7490.56	11843.20
46800	136.50	282.60	565.60	1130.40	2396.16	3794.24	7587.84	11996.80
47400	138.25	286.20	572.80	1144.80	2426.88	3842.88	7685.12	12150.40
48000	140.00	289.80	580.00	1159.20	2457.60	3891.52	7782.40	12304.00
48600	141.75	293.40	587.20	1173.60	2488.32	3940.16	7879.68	12457.60
49200	143.50	297.00	594.40	1188.00	2519.04	3988.80	7976.96	12611.20
49800	145.25	300.60	601.60	1202.40	2549.76	4037.44	8074.24	12764.80
50400	147.00	304.20	608.80	1216.80	2580.48	4086.08	8171.52	12918.40
51000	148.75	307.80	616.00	1231.20	2611.20	4134.72	8268.80	13072.00
51600	150.50	311.40	623.20	1245.60	2641.92	4183.36	8366.08	13225.60
52200	152.25	315.00	630.40	1260.00	2672.64	4232.00	8463.36	13379.20
52800	154.00	318.60	637.60	1274.40	2703.36	4280.64	8560.64	13532.80
53400	155.75	322.20	644.80	1288.80	2734.08	4329.28	8657.92	13686.40
54000	157.50	325.80	652.00	1303.20	2764.80	4377.92	8755.20	13840.00
54600	159.25	329.40	659.20	1317.60	2795.52	4426.56	8852.48	13993.60
55200	161.00	333.00	666.40	1332.00	2826.24	4475.20	8949.76	14147.20
55800	162.75	336.60	673.60	1346.40	2856.96	4523.84	9047.04	14300.80
56400	164.50	340.20	680.80	1360.80	2887.68	4572.48	9144.32	14454.40
57000	166.25	343.80	688.00	1375.20	2918.40	4621.12	9241.60	14608.00
57600	168.00	347.40	695.20	1389.60	2949.12	4669.76	9338.88	14761.60
58200	169.75	351.00	702.40	1404.00	2979.84	4718.40	9436.16	14915.20
58800	171.50	354.60	709.60	1418.40	3010.56	4767.04	9533.44	15068.80
59400	173.25	358.20	716.80	1432.80	3041.28	4815.68	9630.72	15222.40
60000	175.00	361.80	724.00	1447.20	3072.00	4864.32	9728.00	15376.00
60600	176.75	365.40	731.20	1461.60	3102.72	4912.96	9825.28	15529.60
61200	178.50	369.00	738.40	1476.00	3133.44	4961.60	9922.56	15683.20
61800	180.25	372.60	745.60	1490.40	3164.16	5010.24	10019.84	15836.80
62400	182.00	376.20	752.80	1504.80	3194.88	5058.88	10117.12	15990.40
63000	183.75	379.80	760.00	1519.20	3225.60	5107.52	10214.40	16144.00
63600	185.50	383.40	767.20	1533.60	3256.32	5156.16	10311.68	16297.60
64200	187.25	387.00	774.40	1548.				



PHYSICAL DIMENSIONS AND CHARACTERISTICS

Size	Common Dimensions					Type F & H					Type B				
	A	B	E	F x I	G	Bush size	Max. bore	C	D	J1	Max. bore dia's	Pilot HB	Screw over HB	C	D
70	88	60	31	25.0	19.0	1008	26	1"	29.0	33.5	30	8	M 6	70	53.5
90	85	70	32	30.5	22.5	1108	28	1 1/4	18.5	23.5	29	42	10	M 6	26
110	112	100	40	45.0	29.0	1810	42	1 1/4	18.5	26.5	38	85	10	M10	37
130	130	105	50	60.0	36.0	1610	42	1 1/4	18.0	26.5	38	60	16	M10	39
150	150	115	62	60.0	40.0	2002	60	2	25.5	33.5	42	70	20	M10	46
180	180	125	77	73.0	49.0	2517	60	2 1/4	34.5	48.5	48	80	25	M10	55
230	225	165	99	85.5	69.5	3000	75	3	39.5	52.5	55	100	25	M12	77
280	275	205	119	105.5	74.5	3525	100	4	51.0	66.5	67	115	30	M16	90

1. F is the wrench hexagon measured for tightening the bolt on the shaft. A shortened wrench will allow this dimension to be reduced.
2. F refers to combinations of flanges FF, FH, HS, FE, HB, BS.
Bore limits H7 unless otherwise specified.

Size	Assembled Length (L*) Combining Flange Types				Mass (kg)	Inertia Ix/Iy (kgm²)	Dynamic Coefficients (Rev/s²)	Maximum Misalignment		Nominal Torque (Nm)
	FF	FH	HS	HB				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	82.5	1.76	0.00115	-	0.3	+0.5	60
110	82.0	100.0	119.0	119.0	5.02	0.00405	66	0.3	+0.6	180
130	88.0	110.0	131.0	131.0	9.46	0.02780	130	0.4	+0.8	315
150	101.0	129.0	152.0	152.0	11	0.01810	175	0.4	+0.9	600
180	142.0	155.0	188.0	188.0	16.00	0.04390	220	0.4	+1.1	950
230	164.5	202.0	239.0	239.0	26.00	0.12068	587	0.5	+1.3	2000
280	207.5	246.0	286.5	286.5	50.00	0.44893	1025	0.5	+1.7	3190