

HRC KLOKOPPLING

Klokoppling med elastomer

HRC 070 B

HRC kopplingshalva 070 B förborrad

- Enkel metod att koppla ihop en drivenhet
- Snabba att installera
- Överför 30 - 3150 Nm
- För axlar upp till 115mm



PRODUKTBESKRIVNING

HRC koppling är en semielastisk koppling och är mycket lämplig för motoraxlar.

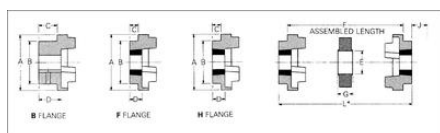
HRC axelkopplingar är snabba att installera och är en enkel metod att koppla ihop en drivenhet.

Naven finns med både invändig samt utvändigmontering utav Taper Lock.

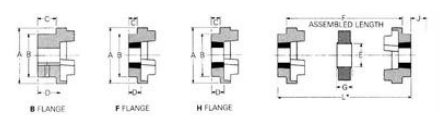
HRC axelkoppling finns tillgänglig som brandresistent, antistatisk och i förborrad utförande.

TEKNISK DATA

A	69 mm
B	60 mm
C	20 mm
D	23,5 mm
E	31 mm
F	25 mm
G	18 mm
Hållaxeldiameter max	32 mm
Max axelhål	32 mm
Skruvstorlek	M6
Storlek	70



Speed (rev/min)	Coupling Size							
	70	90	110	130	150	180	230	280
100	0.23	0.64	1.00	3.30	6.28	9.90	20.90	33.00
1200	0.80	1.90	3.30	11.00	21.00	33.00	66.00	100.00
400	1.50	3.00	5.00	15.00	30.00	45.00	90.00	135.00
800	1.90	3.00	5.00	15.00	30.00	45.00	90.00	135.00
1200	2.37	6.00	12.00	23.00	45.00	71.00	142.00	213.00
1600	2.67	6.00	12.00	23.00	45.00	71.00	142.00	213.00
2000	3.30	8.00	16.00	30.00	60.00	90.00	180.00	270.00
2400	4.70	12.00	24.00	47.00	94.00	141.00	282.00	423.00
2800	5.94	15.00	30.00	59.00	118.00	177.00	354.00	531.00
3200	6.90	18.00	36.00	69.00	138.00	207.00	414.00	621.00
3600	7.20	18.00	36.00	72.00	144.00	216.00	432.00	648.00
4000	7.90	20.00	40.00	79.00	158.00	237.00	474.00	711.00
4500	8.80	22.00	44.00	88.00	176.00	264.00	528.00	792.00
5000	9.50	24.00	48.00	95.00	190.00	285.00	570.00	855.00
5600	10.00	25.00	50.00	100.00	200.00	300.00	600.00	900.00
6300	11.00	30.00	60.00	110.00	220.00	330.00	660.00	990.00
7200	12.00	32.00	64.00	120.00	240.00	360.00	720.00	1080.00
8000	13.00	35.00	70.00	130.00	260.00	390.00	780.00	1170.00
9000	14.00	38.00	76.00	140.00	280.00	420.00	840.00	1260.00
10000	15.00	40.00	80.00	150.00	300.00	450.00	900.00	1350.00
11200	16.00	42.00	84.00	160.00	320.00	480.00	960.00	1440.00
12500	17.00	45.00	90.00	170.00	340.00	510.00	1020.00	1530.00
14000	18.00	48.00	96.00	180.00	360.00	540.00	1080.00	1620.00
15600	19.00	50.00	100.00	190.00	380.00	570.00	1140.00	1710.00
17500	20.00	52.00	104.00	200.00	400.00	600.00	1200.00	1800.00
19600	21.00	55.00	110.00	210.00	420.00	630.00	1260.00	1890.00
22000	22.00	58.00	116.00	220.00	440.00	660.00	1320.00	1980.00
24500	23.00	60.00	120.00	230.00	460.00	690.00	1380.00	2070.00
27200	24.00	62.00	124.00	240.00	480.00	720.00	1440.00	2160.00
30000	25.00	65.00	130.00	250.00	500.00	750.00	1500.00	2250.00
33000	26.00	68.00	136.00	260.00	520.00	780.00	1560.00	2340.00
36000	27.00	70.00	140.00	270.00	540.00	810.00	1620.00	2430.00
40000	28.00	72.00	144.00	280.00	560.00	840.00	1680.00	2520.00
45000	29.00	75.00	150.00	290.00	580.00	870.00	1740.00	2610.00
50000	30.00	78.00	156.00	300.00	600.00	900.00	1800.00	2700.00
56000	31.00	80.00	160.00	310.00	620.00	930.00	1860.00	2790.00
63000	32.00	82.00	164.00	320.00	640.00	960.00	1920.00	2880.00
72000	33.00	85.00	170.00	330.00	660.00	990.00	1980.00	2970.00
80000	34.00	88.00	176.00	340.00	680.00	1020.00	2040.00	3060.00
90000	35.00	90.00	180.00	350.00	700.00	1050.00	2100.00	3150.00
100000	36.00	92.00	184.00	360.00	720.00	1080.00	2160.00	3240.00
112000	37.00	95.00	190.00	370.00	740.00	1110.00	2220.00	3330.00
125000	38.00	98.00	196.00	380.00	760.00	1140.00	2280.00	3420.00
140000	39.00	100.00	200.00	390.00	780.00	1170.00	2340.00	3510.00
156000	40.00	102.00	204.00	400.00	800.00	1200.00	2400.00	3600.00
175000	41.00	105.00	210.00	410.00	820.00	1230.00	2460.00	3690.00
196000	42.00	108.00	216.00	420.00	840.00	1260.00	2520.00	3780.00
220000	43.00	110.00	220.00	430.00	860.00	1290.00	2580.00	3870.00
245000	44.00	112.00	224.00	440.00	880.00	1320.00	2640.00	3960.00
272000	45.00	115.00	230.00	450.00	900.00	1350.00	2700.00	4050.00
300000	46.00	118.00	236.00	460.00	920.00	1380.00	2760.00	4140.00
330000	47.00	120.00	240.00	470.00	940.00	1410.00	2820.00	4230.00
360000	48.00	122.00	244.00	480.00	960.00	1440.00	2880.00	4320.00
400000	49.00	125.00	250.00	490.00	980.00	1470.00	2940.00	4410.00
450000	50.00	128.00	256.00	500.00	1000.00	1500.00	3000.00	4500.00
500000	51.00	130.00	260.00	510.00	1020.00	1530.00	3060.00	4590.00
560000	52.00	132.00	264.00	520.00	1040.00	1560.00	3120.00	4680.00
630000	53.00	135.00	270.00	530.00	1060.00	1590.00	3180.00	4770.00
720000	54.00	138.00	276.00	540.00	1080.00	1620.00	3240.00	4860.00
800000	55.00	140.00	280.00	550.00	1100.00	1650.00	3300.00	4950.00
900000	56.00	142.00	284.00	560.00	1120.00	1680.00	3360.00	5040.00
1000000	57.00	145.00	290.00	570.00	1140.00	1710.00	3420.00	5130.00
1120000	58.00	148.00	296.00	580.00	1160.00	1740.00	3480.00	5220.00
1250000	59.00	150.00	300.00	590.00	1180.00	1770.00	3540.00	5310.00
1400000	60.00	152.00	304.00	600.00	1200.00	1800.00	3600.00	5400.00
1560000	61.00	155.00	310.00	610.00	1220.00	1830.00	3660.00	5490.00
1750000	62.00	158.00	316.00	620.00	1240.00	1860.00	3720.00	5580.00
1960000	63.00	160.00	320.00	630.00	1260.00	1890.00	3780.00	5670.00
2200000	64.00	162.00	324.00	640.00	1280.00	1920.00	3840.00	5760.00
2450000	65.00	165.00	330.00	650.00	1300.00	1950.00	3900.00	5850.00
2720000	66.00	168.00	336.00	660.00	1320.00	1980.00	3960.00	5940.00
3000000	67.00	170.00	340.00	670.00	1340.00	2010.00	4020.00	6030.00
3300000	68.00	172.00	344.00	680.00	1360.00	2040.00	4080.00	6120.00
3600000	69.00	175.00	350.00	690.00	1380.00	2070.00	4140.00	6210.00
4000000	70.00	178.00	356.00	700.00	1400.00	2100.00	4200.00	6300.00
4500000	71.00	180.00	360.00	710.00	1420.00	2130.00	4260.00	6390.00
5000000	72.00	182.00	364.00	720.00	1440.00	2160.00	4320.00	6480.00
5600000	73.00	185.00	370.00	730.00	1460.00	2190.00	4380.00	6570.00
6300000	74.00	188.00	376.00	740.00	1480.00	2220.00	4440.00	6660.00
7200000	75.00	190.00	380.00	750.00	1500.00	2250.00	4500.00	6750.00
8000000	76.00	192.00	384.00	760.00	1520.00	2280.00	4560.00	6840.00
9000000	77.00	195.00	390.00	770.00	1540.00	2310.00	4620.00	6930.00
10000000	78.00	198.00	396.00	780.00	1560.00	2340.00	4680.00	7020.00
11200000	79.00	200.00	400.00	790.00	1580.00	2370.00	4740.00	7110.00
12500000	80.00	202.00	404.00	800.00	1600.00	2400.00	4800.00	7200.00
14000000	81.00	205.00	410.00	810.00	1620.00	2430.00	4860.00	7290.00
15600000	82.00	208.00	416.00	820.00	1640.00	2460.00	4920.00	7380.00
17500000	83.00	210.00	420.00	830.00	1660.00	2490.00	4980.00	7470.00
19600000	84.00	212.00	424.00	840.00	1680.00	2520.00	5040.00	7560.00
22000000	85.00	215.00	430.00	850.00	1700.00	2550.00	5100.00	7650.00
24500000	86.00	218.00	436.00	860.00	1720.00	2580.00	5160.00	7740.00
27200000	87.00	220.00	440.00	870.00	1740.00	2610.00	5220.00	7830.00
30000000	88.00	222.00	444.00	880.00	1760.00	2640.00	5280.00	7920.00
33000000	89.00	225.00	450.00	890.00	1780.00	2670.00	5340.00	8010.00
36000000	90.00	228.00	456.00	900.00	1800.00	2700.00	5400.00	8100.00
40000000	91.00	230.00	460.00	910.00	1820.00	2730.00	5460.00	8190.00
45000000	92.00	232.00	464.00	920.00	1840.00	2760.00	5520.00	8280.00
50000000	93.00	235.00	470.00	930.00	1860.00	2790.00	5580.00	8370.00
56000000	94.00	238.00	476.00	940.00	1880.00	2820.00	5640.00	8460.00
63000000	95.00	240.00	480.00	950.00	1900.00	2850.00	5700.00	8550.00
72000000	96.00	242.00	484.00	960.00	1920.00	2880.00	5760.00	8640.00
80000000	97.00	245.00	490.00	970.00	1940.00	2910.00	5820.00	8730.00
90000000	98.00	248.00	496.00	980.00	1960.00	2940.00	5880.00	8820.00
100000000	99.00	250.00	500.00	990.00	1980.00	2970.00	5940.00	



PHYSICAL DIMENSIONS AND CHARACTERISTICS

Common Dimensions										Type F & H				Type B			
Size	A	B	E	F x I	G	Bore 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	100H	26	1"	29.0	33.5	39	32	8	M 6	10	23.5	
90	85	50	32	30.5	22.5	110H	28	1 1/4	18.5	23.5	29	42	10	M 6	20	30.0	
110	112	500	45	45.0	29.0	1810	42	1 1/4	18.5	26.5	38	55	10	M10	31	45.0	
130	130	105	50	50.0	36.0	1610	42	1 1/4	18.0	26.5	38	60	16	M10	39	47.5	
150	150	115	62	60.0	40.0	2002	50	2	25.5	33.5	42	70	20	M10	46	56.0	
180	180	125	77	73.0	49.0	2517	60	2 1/2	34.5	48.5	48	80	25	M10	55	70.0	
230	225	165	99	85.5	59.5	3000	75	3	39.5	52.5	55	100	25	M12	77	90.0	
280	275	205	119	105.5	74.5	3525	100	4	51.0	66.5	67	115	30	M16	90	105.5	

1. F is the wrench opening 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, HF, FE, HB, BS.
Bore limits H7 unless otherwise specified.

Size	Assembled Length (L*) Combining Flange Types				Mass (kg)	Inertia Ix/Iy (kgm ²)	Dynamic Stiffness (N/m)	Maximum Misalignment		Nominal Torque (Nm)
	FF	FH	FB	BB				Parallel	Axial	
70	65.0	65.0	65.0	1.00	0.00095	-	-	0.3	+0.2	31
90	65.5	76.0	82.5	1.76	0.00115	-	0.3	+0.5	60	
110	82.0	100.0	119.0	5.02	0.00405	66	0.3	+0.6	180	
130	89.0	110.0	131.0	9.46	0.02780	132	0.4	+0.8	315	
150	101.0	129.0	152.0	11	0.01810	175	0.4	+0.9	600	
180	142.0	155.0	189.0	16.00	0.04390	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	286.5	50.00	0.44893	1025	0.5	+1.7	3150	