

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.

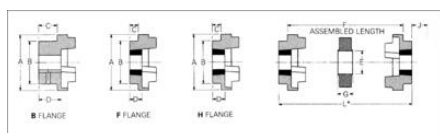
HRC axelkopplingar är snabba att installera och är en enkel metod att koppla ihop en drivenhet.

Naven finns med både invändig samt utvändigmontering utav Taper Lock.

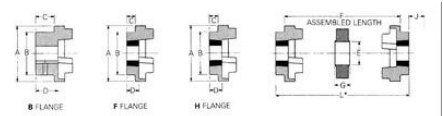
HRC axelkoppling finns tillgänglig som brandresistent, antistatisk och i förborrad utförande.

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
200	0.90	1.90	3.30	11.00	21.00	33.00	66.00	100.00
400	1.50	3.00	5.00	18.00	33.00	50.00	100.00	150.00
600	1.90	3.90	6.00	23.00	44.00	66.00	130.00	200.00
720	2.37	4.60	7.20	28.00	52.00	77.00	150.00	230.00
900	2.67	5.20	8.10	31.00	58.00	86.00	170.00	260.00
1000	3.00	5.90	9.00	34.00	64.00	95.00	190.00	290.00
1440	4.70	9.20	14.00	51.00	95.00	140.00	280.00	470.00
1500	5.00	10.00	15.00	54.00	100.00	150.00	300.00	500.00
1800	6.00	12.00	18.00	65.00	120.00	180.00	360.00	600.00
2000	6.50	13.00	20.00	70.00	130.00	190.00	380.00	650.00
2200	7.00	14.00	22.00	75.00	140.00	200.00	400.00	700.00
2400	7.50	15.00	24.00	80.00	150.00	210.00	420.00	750.00
2600	8.00	16.00	26.00	85.00	160.00	220.00	440.00	800.00
2800	8.50	17.00	28.00	90.00	170.00	230.00	460.00	850.00
3000	9.00	18.00	30.00	95.00	180.00	240.00	480.00	900.00
3600	11.00	22.00	36.00	110.00	210.00	280.00	560.00	1080.00
Nominal Torque (Nm)	31.5	80	160	315	600	900	2000	3150
Max Torque (Nm)	72	180	360	720	1500	2250	5000	7500

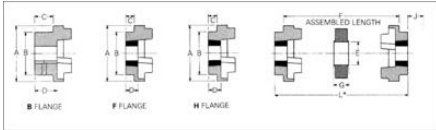


PHYSICAL DIMENSIONS AND CHARACTERISTICS

Common Dimensions										Type F & H				Type B			
Size	Common Dimensions					Max. Bore		Type F & H			Bore Dia's		J1	Type B		Screw over key	C
	A	B	E	F	G	mm	in.	C	D	J1	Max.	Pilot HB		Max.	Pilot HB		D
70	69	31	25.0	18.0	1008	28	1"	25.0	23.5	29	32	8	M 6	20	33.5		
90	85	30	32	30.5	1108	28	1 1/8	18.5	23.5	29	42	10	M 6	26	30.0		
110	112	30	45	40.0	1208	42	1 1/2	18.5	26.5	38	55	10	M10	31	45.0		
130	130	105	60	60.0	1610	42	1 1/2	18.0	26.5	38	60	15	M10	39	47.5		
150	150	115	62	60.0	2012	60	2	24.5	33.5	42	70	20	M10	46	56.0		
180	180	125	77	73.0	2517	60	2 1/4	34.5	48.5	48	80	25	M10	55	70.0		
220	225	185	99	85.5	3020	75	3	39.5	52.5	55	100	25	M12	77	90.0		
280	275	205	119	105.5	3525	100	4	51.0	66.5	67	115	30	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 M10 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	110.0	131.0	94	5.48	0.00780	130	0.4	+0.9	315
150	101.0	129.0	152.0	111	6.00	0.01400	175	0.4	+0.9	600
180	142.0	165.0	188.0	160	16.00	0.04340	229	0.4	+1.1	900
220	164.5	202.0	239.5	260	61.2068	0.12068	587	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	6.28	9.36	20.89	33.00		
200	0.66	1.28	3.36	6.60	12.56	18.72	41.78	66.00		
400	1.32	2.56	6.72	13.20	25.12	37.44	83.56	132.00		
600	2.00	3.84	10.08	19.80	37.70	56.16	125.35	198.00		
700	2.37	4.63	12.10	23.80	43.80	64.80	145.00	228.00		
800	2.64	5.12	13.44	26.40	48.96	71.68	160.00	240.00		
900	3.17	6.04	16.10	31.70	60.30	86.50	201.00	310.00		
1000	3.56	6.72	17.92	35.36	68.40	96.00	216.00	336.00		
1400	4.75	9.00	24.10	47.50	90.60	143.80	302.00	476.00		
1600	5.25	10.00	26.60	52.50	100.00	156.00	336.00	512.00		
1800	5.84	11.10	29.30	58.40	110.00	170.00	370.00	564.00		
2000	6.40	12.20	32.00	64.00	120.00	184.00	404.00	616.00		
2200	7.00	13.40	34.80	70.00	130.00	200.00	440.00	672.00		
2400	7.60	14.60	37.60	76.00	140.00	216.00	476.00	728.00		
2600	8.20	15.80	40.40	82.00	150.00	232.00	512.00	784.00		
2800	8.80	17.00	43.20	88.00	160.00	248.00	548.00	840.00		
3000	9.40	18.20	46.00	94.00	170.00	264.00	584.00	896.00		
3200	10.00	19.40	48.80	100.00	180.00	280.00	620.00	952.00		
3600	11.90	22.60	57.60	119.00	216.00	336.00	728.00	1120.00		
Nominal Torque (Nm)	315	60	160	315	600	960	2000	3150		
Max Torque (Nm)	12	180	360	720	1000	2200	5000	7200		

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