

HRC KLOKOPPLING

Klokkoppling 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.

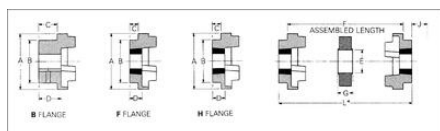
HRC axelkopplingar är snabba att installera och är en enkel metod att koppla ihop en drivenhet.

Naven finns med både invändig samt utvändigmontering utav Taper Lock.

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

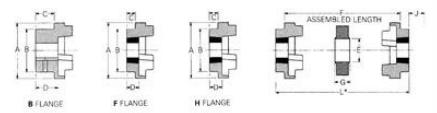
TEKNISK DATA

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



Speed rpm/min	Coupling Size							
	70	90	110	130	150	180	230	280
100	0,33	0,64	1,08	1,36	2,26	3,96	20,89	31,93
200	0,65	1,28	2,16	2,72	4,52	7,92	41,78	63,86
400	1,32	2,56	4,32	5,44	9,04	15,84	83,56	127,72
600	1,98	3,84	6,48	8,16	13,56	23,76	125,34	191,58
700	2,31	4,62	7,56	9,44	15,84	28,08	151,62	229,08
800	2,64	5,28	8,64	10,72	17,76	31,68	171,12	259,44
900	3,17	6,34	10,44	13,04	21,72	39,36	210,00	317,00
1000	3,50	7,00	11,70	14,72	24,40	43,20	231,00	349,00
1440	4,75	9,50	15,75	19,92	33,12	58,08	302,00	453,00
1600	5,28	10,56	17,28	21,68	36,16	64,32	333,00	500,00
1800	5,94	11,88	19,44	24,48	40,80	72,96	370,00	554,00
2000	6,60	13,20	21,60	27,36	45,60	81,60	408,00	609,00
2200	7,26	14,52	23,76	29,84	50,40	90,24	447,00	665,00
2400	7,92	15,84	25,92	32,32	55,20	99,36	486,00	722,00
2600	8,58	17,16	28,08	34,80	60,00	108,48	526,00	779,00
2800	9,50	19,00	31,50	39,68	66,24	119,04	588,00	875,00
3000	1,05	2,10	3,45	4,32	7,20	12,60	68,40	102,60
3600	1,19	2,38	3,93	4,91	8,16	14,40	77,40	116,10

Nominal Torque (Nm)	315	400	500	630	800	1000	1250	1500
Max Torque (Nm)	72	100	125	160	200	250	315	396

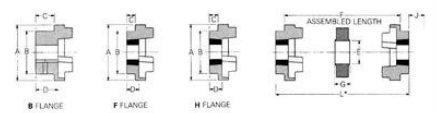


PHYSICAL DIMENSIONS AND CHARACTERISTICS

Size	Common Dimensions							Type F & H				Type B				
	A	B	E	F	G	Max. Bore	Max. Bore	C	D	J	Max. Bore	PICG	Screw	C	D	
70	60	31	25.0	18.0	1008	25	1"	20.0	23.5	29	32	8	M 6	10	23.5	
90	85	30	32	30.5	22.5	1108	28	1 1/4	18.5	23.5	29	42	10	M 6	20	30.0
110	112	300	45.0	40.0	29.0	1810	42	1 1/2	18.5	26.5	38	55	10	M10	23	45.0
130	130	105	60	60.0	36.0	1810	42	1 1/2	18.0	26.5	38	60	15	M10	39	47.5
150	150	105	60	60.0	40.0	2002	50	2	22.5	33.5	42	70	20	M10	45	50.0
180	180	125	77	73.0	49.0	2317	60	2 1/2	34.5	48.5	48	80	25	M10	50	50.0
220	220	155	99	85.5	59.0	3000	75	3	39.5	52.5	55	100	25	M12	77	60.0
280	275	200	119	105.5	74.5	3025	100	4	51.0	66.5	67	115	30	M16	90	105.5

J is the stretch clearance required for tightening/flaring the bush on the shaft. A shortened stretch will allow this dimension to be reduced.
 F refers to combinations of flanges: FF, FH, HF, FB, BB.
 Bore limits H7 unless otherwise specified.

Size	Assembled Length (L*) Comprising Flange Types				Mass kg	Inertia I _M (kgm ²)	Dynamic Stiffness (N/m ³)	Maximum Misalignment		Nominal Torque (Nm)
	FF	FH	HF	BB				Parallel	Axial	
70	65.0	65.0	65.0	65.0	1.00	0.00095	-	0.3	+0.2	31
90	85.5	76.0	82.5	82.5	1.78	0.00115	-	0.3	+0.6	60
110	105.0	100.0	119.0	119.0	5.03	0.00400	65	0.3	+0.8	160
130	125.0	105.0	131.0	131.0	9.48	0.00780	120	0.4	+0.8	215
150	150.0	129.0	152.0	152.0	16.00	0.01490	175	0.4	+0.9	600
180	142.0	155.0	159.0	159.0	26.00	0.02690	220	0.4	+1.1	950
220	164.5	202.0	239.5	239.5	26.00	0.12068	587	0.5	+1.3	2000
280	207.5	248.5	285.5	285.5	50.00	0.44893	1025	0.5	+1.7	3150

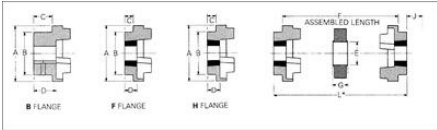


PHYSICAL DIMENSIONS AND CHARACTERISTICS

Size	Common Dimensions							Type F & H				Type B				
	A	B	E	F	G	Max. Bore	Max. Bore	C	D	J	Max. Bore	PICG	Screw	C	D	
70	60	31	25.0	18.0	1008	25	1"	20.0	23.5	29	32	8	M 6	10	23.5	
90	85	30	32	30.5	22.5	1108	28	1 1/4	18.5	23.5	29	42	10	M 6	20	30.0
110	112	300	45.0	40.0	29.0	1810	42	1 1/2	18.5	26.5	38	55	10	M10	31	45.0
130	130	105	60	60.0	36.0	1810	42	1 1/2	18.0	26.5	38	60	15	M10	39	47.5
150	150	105	60	60.0	40.0	2002	50	2	22.5	33.5	42	70	20	M10	45	50.0
180	180	125	77	73.0	49.0	2317	60	2 1/2	34.5	48.5	48	80	25	M10	50	50.0
220	220	155	99	85.5	59.0	3000	75	3	39.5	52.5	55	100	25	M12	77	60.0
280	275	200	119	105.5	74.5	3025	100	4	51.0	66.5	67	115	30	M16	90	105.5

J is the stretch clearance required for tightening/flaring the bush on the shaft. A shortened stretch will allow this dimension to be reduced.
 F refers to combinations of flanges: FF, FH, HF, FB, BB.
 Bore limits H7 unless otherwise specified.

Size	Assembled Length (L*) Comprising Flange Types				Mass kg	Inertia I _M (kgm ²)	Dynamic Stiffness (N/m ³)	Maximum Misalignment		Nominal Torque (Nm)
	FF	FH	HF	BB				Parallel	Axial	
70	65.0	65.0	65.0	65.0	1.00	0.00095	-	0.3	+0.2	31
90	85.5	76.0	82.5	82.5	1.78	0.00115	-	0.3	+0.5	60
110	105.0	100.0	119.0	119.0	5.03	0.00780	120	0.4	+0.8	215
130	125.0	105.0	131.0	131.0	9.48	0.01490	175	0.4	+0.9	600
150	150.0	129.0	152.0	152.0	16.00	0.02690	220	0.5	+1.1	950
180	142.0	155.0	159.0	159.0	26.00	0.12068	587	0.5	+1.3	2000
220	164.5	202.0	239.5	239.5	50.00	0.44893	1025	0.5	+1.7	3150



Speed rpm/min	Coupling Size							
	70	90	110	130	150	180	220	280
100	0.33	0.84	1.68	3.32	6.29	9.89	20.89	33.50
200	0.69	1.69	3.35	6.80	12.80	19.90	41.00	65.00
400	1.32	3.25	6.50	13.20	25.50	39.80	82.00	132.00
600	2.07	5.03	10.10	19.80	37.70	59.10	126.00	198.00
720	2.50	6.03	12.10	23.80	45.20	71.80	151.00	238.00
800	2.80	6.70	13.40	26.40	50.30	78.50	166.00	258.00
900	3.17	8.04	16.10	31.70	60.30	92.50	201.00	317.00
1000	3.58	9.10	18.20	36.40	69.50	105.00	229.00	358.00
1400	4.75	12.10	24.10	47.50	90.50	143.00	302.00	475.00
1600	5.25	13.40	26.80	52.80	100.00	155.00	331.00	525.00
1800	5.84	15.10	30.20	59.40	113.00	170.00	377.00	584.00
2000	6.40	16.80	33.60	66.00	126.00	188.00	418.00	640.00
2200	7.00	18.40	36.80	72.00	138.00	208.00	461.00	700.00
2400	7.60	20.10	40.20	78.20	151.00	229.00	503.00	760.00
2600	8.20	21.80	43.60	84.40	165.00	250.00	545.00	820.00
2800	8.90	24.10	48.30	91.00	181.00	280.00	600.00	890.00
3000	9.50	25.10	50.20	95.00	188.00	295.00	630.00	950.00
3600	11.90	30.10	60.30	118.00	235.00	360.00	790.00	1190.00

Nominal Torque (Nm) 315 450 560 710 860 1050 1300 1600 2000
 Max Torque (Nm) 72 100 120 150 180 220 270 330 400