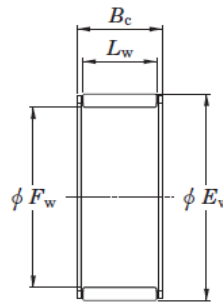


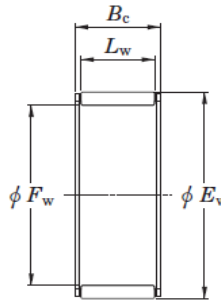
**Needle roller and cage assemblies**  
**single-row assemblies**  
**inch series**



WJ, WJC

Shaft dia. (inch)	Boundary dimensions (mm)			Bearing Number	Basic load ratings (kN)		Limiting speeds (min <sup>-1</sup> )	
	Fw	Ew	Bc +0 -0.38		Cr	C0r	Grease lub.	Oil lub.
3/8	9.525	12.700	9.53	<b>WJC-060806</b>	3.87	4.00	24 000	37 000
1/2	12.700	15.875	12.70	<b>WJC-081008</b>	6.23	8.01	23 000	35 000
9/16	14.288	17.463	12.70	<b>WJC-091108</b>	6.81	9.25	22 000	34 000
5/8	15.875	19.050	12.70	<b>WJC-101208</b>	7.03	9.96	18 000	27 000
	15.875	22.225	15.88	<b>WJ-101410</b>	15.6	17.8	19 000	29 000
	15.875	22.225	22.23	<b>WJ-101414</b>	21.3	26.4	19 000	29 000
3/4	19.050	25.400	25.40	<b>WJ-121616</b>	26.8	37.2	16 000	24 000
13/16	20.638	26.988	22.23	<b>WJ-131714</b>	25.1	35.0	14 000	22 000
7/8	22.225	28.575	25.40	<b>WJ-141816</b>	29.2	43.5	13 000	20 000
1	25.400	33.338	19.05	<b>WJ-162112</b>	28.1	37.1	12 000	18 000
	25.400	33.338	25.40	<b>WJ-162116</b>	36.8	52.5	12 000	18 000
	25.400	33.338	31.75	<b>WJ-162120</b>	44.5	67.2	12 000	18 000
1 1/8	28.575	38.100	25.40	<b>WJ-182416</b>	42.4	57.8	10 000	16 000
	28.575	38.100	31.75	<b>WJ-182420</b>	52.0	74.7	10 000	16 000
1 1/4	31.750	41.275	19.05	<b>WJ-202612</b>	33.4	43.7	9 300	14 000
	31.750	41.275	25.40	<b>WJ-202616</b>	44.1	62.3	9 300	14 000
	31.750	41.275	31.75	<b>WJ-202620</b>	53.8	81.0	9 300	14 000
	31.750	41.275	38.10	<b>WJ-202624</b>	63.6	99.6	9 300	14 000
1 3/8	34.925	44.450	25.40	<b>WJ-222816</b>	45.8	67.2	8 300	13 000
	34.925	44.450	31.75	<b>WJ-222820</b>	56.0	87.2	8 300	13 000
1 1/2	38.100	47.625	25.40	<b>WJ-243016</b>	47.2	71.6	7 600	12 000
	38.100	47.625	31.75	<b>WJ-243020</b>	57.8	93.0	7 600	12 000
	38.100	47.625	38.10	<b>WJ-243024</b>	68.1	114.8	7 600	12 000
	38.100	47.625	44.45	<b>WJ-243028</b>	77.4	135.7	7 600	12 000
1 3/4	44.450	53.975	19.05	<b>WJ-283412</b>	39.5	59.6	6 400	9 900
	44.450	53.975	25.40	<b>WJ-283416</b>	52.0	85.0	6 400	9 900
	44.450	53.975	38.10	<b>WJ-283424</b>	74.7	136	6 400	9 900
2	50.800	60.325	19.05	<b>WJ-323812</b>	42.8	69.0	5 600	8 600
	50.800	60.325	25.40	<b>WJ-323816</b>	56.5	98.0	5 600	8 600
	50.800	60.325	31.75	<b>WJ-323820</b>	69.0	127	5 600	8 600
	50.800	60.325	38.10	<b>WJ-323824</b>	81.0	157	5 600	8 600
2 1/16	52.388	61.913	25.40	<b>WJ-333916</b>	57.8	102	5 400	8 300
2 1/8	53.975	63.500	25.40	<b>WJ-344016</b>	52.5	92.08	5 200	8 000
	53.975	63.500	38.10	<b>WJ-344024</b>	78.3	153	5 200	8 000
2 3/16	55.563	65.088	19.05	<b>WJ-354112</b>	44.5	75.17	5 000	7 800
	55.563	65.088	25.40	<b>WJ-354116</b>	57.8	107	5 000	7 800
2 1/4	57.150	66.675	25.40	<b>WJ-364216</b>	53.8	96.08	4 900	7 500
	57.150	66.675	31.75	<b>WJ-364220</b>	67.6	128	4 900	7 500
2 3/8	60.325	69.850	38.10	<b>WJ-384424</b>	81.4	167	4 600	7 100
2 1/2	63.500	73.025	25.40	<b>WJ-404616</b>	55.6	104	4 400	6 700
	63.500	73.025	31.75	<b>WJ-404620</b>	69.8	139	4 400	6 700
	63.500	73.025	38.10	<b>WJ-404624</b>	83.2	173	4 400	6 700

**Needle roller and cage assemblies**  
**single-row assemblies**  
**inch series**



WJ, WJC

Shaft dia. (inch)	Boundary dimensions (mm)			Bearing Number	Basic load ratings (kN)		Limiting speeds (min <sup>-1</sup> )	
	Fw	Ew	Bc +0 -0.38		Cr	C0r	Grease lub.	Oil lub.
2 3/4	69.850	79.375	25.40	<b>WJ-445016</b>	57.8	112.54	4 000	6100
3	76.200	85.725	25.40	<b>WJ-485416</b>	59.6	120.55	3 600	5 600
	76.200	85.725	38.10	<b>WJ-485424</b>	85.4	191.72	3 600	5 600
3 1/4	82.550	92.075	25.40	<b>WJ-525816</b>	61.4	128.55	3 300	5100
	82.550	92.075	38.10	<b>WJ-525824</b>	88.1	204.62	3 300	5100
3 1/2	88.900	98.425	25.40	<b>WJ-566216</b>	63.2	136.56	3100	4 700
	88.900	101.600	25.40	<b>WJ-566416</b>	79.6	150.35	3100	4 800
	88.900	101.600	38.10	<b>WJ-566424</b>	113	237.53	3100	4 800
4	101.600	114.300	25.40	<b>WJ-647216</b>	83.6	166.59	2 700	4 200
	101.600	114.300	38.10	<b>WJ-647224</b>	119	263.33	2 700	4 200
5	127.000	152.400	38.10	<b>WJ-809624</b>	211	365.20	2 200	3 400