

## 曲线滚轮轴承

### KR KR… PP 型曲线滚轮

该种 KR KR… PP 型曲线滚轮，滚动体是由保持架引导，而外圈则经由螺栓上的挡圈轴向引导。适用于重载荷和中转速。由于轴承内部有较多的贮脂空间，所以润滑周期得到处延长。KR… PP 型曲线滚轮为带接触式密封结构。

### KRV KRV… PP 型曲线滚轮

KRV KRV… PP 型轴承和 KR KR… PP 型曲线滚轮结构相同，KRV KRV… PP 型曲线滚轮是满装滚针轴承。该种曲线滚轮可以承受较重的载荷及较低的转速，但必须经常添加润滑脂。

### NUKR 型曲线滚轮

NUKR 型曲线滚轮是双列装滚子结构，象园柱滚子轴承一样具有外圈由滚动体作轴向引导压入外圈的罩壳和挡边台阶组成高效果的间隙密封。

该种曲线滚轮能够承受特别高的载荷，还由于受滚子的轴向引导也可承受冲击性的轴向载荷。

### KRE、KRE… PP;KREV、KREV… PP;NUKRE 型曲线滚轮

该类型 KRE、KRE… PP; KREV、KREV… PP 和 NUKRE 型曲线滚轮轴承是为了满足主机配套要求，系专用轴承。外圈采用滚轮式，以螺栓轴代内圈，其结构紧凑。都可以带偏心套，滚轮可以通过螺栓端面的槽进行调节，加润滑脂可以通过螺栓两端进行。

## Curve Roller

### Model KR, KR… PP Curve Roller

In Model KR, KR… PP curve roller, the rolling body is guided by cage and the outer is axially guided by the baffle ring on the bolt. It is suitable for heavy load and middle rotational speed. Since the bearing has a large grease-storage space, it has a long-term lubrication cycle. Model KR… PP curve roller has the contact-type seal structure.

### Model KRV, KRV… PP Curve Roller

The structure of Model KRV, KRV… PP curve roller bearing is same with that of Model KR, KR… PP curve roller bearing. Model KRV, KRV… PP curve roller bearing is the full complement needle roller bearing. This curve roller bearing can withstand heavy load under the low speed. However it is necessary to add the lubricating grease at regular intervals.

### Model NUKR Curve Roller

Model NUKR curve roller bearing has the double-row roller structure. As same as parallel roller bearing, the outer ring is guided axially by rolling body. The cover pressed in outer ring and the shoulder constitutes the high-efficient gas seal.

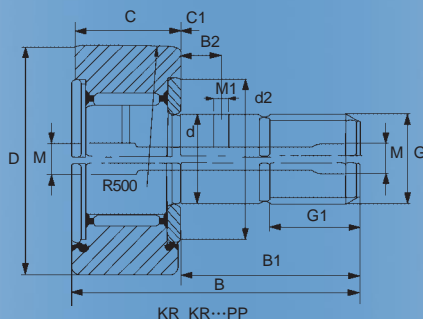
This kind of curve roller bearing can withstand the heavy load and the shock axial load because it is guided axially by roller.

### KRE KRE… PP Model KREV、KREV… PP NUKRE Curve Roller

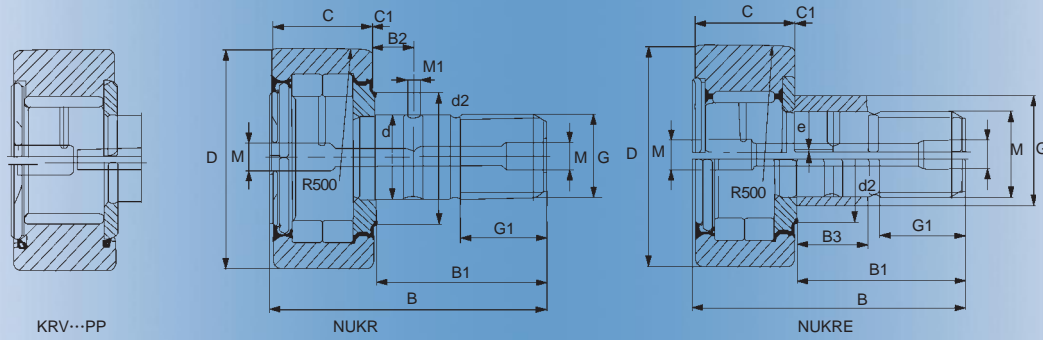
Model KRE, KRE… PP, KREV, KREV… PP and NUKRE curve roller bearings are the special-purposed bearings in order to meet the supporting requirement of main machine. The outer ring has roller structure and the bolt shaft substitutes the inner ring. It has compact structure and can be equipped with eccentric-strap. The roller can be adjusted by means of the slot at end of bolt. The lubricating grease can be fed from both ends of bolt.

# 曲线滚轮轴承

## Curve Roller Bearings



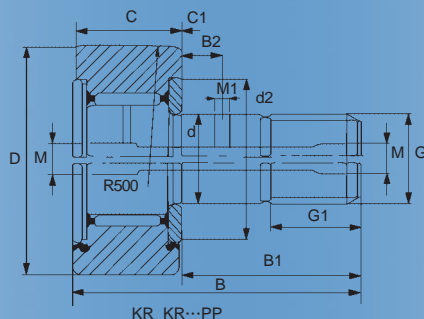
外径 Shaft Diameter	轴承型号 Bearing Designation		外形尺寸 Boundary Dimensions												
		带偏心套 With eccentric sleeve	D	d	C	ra	B	B1	B2	G	G1	M	Mn	C1	d2
			mm							min	mm				
16	KR 16	KRE 16	16	6	11	0.15	28	16		M6	8		4 <sup>5)</sup>	0.6	12
	KR 16 PP	KRE 16 PP	16	6	11	0.15	28	16		M6	8		4 <sup>5)</sup>	0.6	12
	KRV 16	KRVE 16	16	6	11	0.15	28	16		M6	8		4 <sup>5)</sup>	0.6	12
	KRV 16 PP	KRVE 16 PP	16	6	11	0.15	28	16		M6	8		4 <sup>5)</sup>	0.6	12
19	KR 19	KRE 19	19	8	11	0.15	32	20		M8	10		4 <sup>5)</sup>	0.6	14
	KR 19 PP	KRE 19 PP	19	8	11	0.15	32	20		M8	10		4 <sup>5)</sup>	0.6	14
	KRV 19	KRVE 19	19	8	11	0.15	32	20		M8	10		4 <sup>5)</sup>	0.6	14
	KRV 19 PP	KRVE 19 PP	19	8	11	0.15	32	20		M8	10		4 <sup>5)</sup>	0.6	14
22	KR 22	KRE 22	22	10	12	0.3	36	23		M 10 × 1	12		4	0.6	17
	KR 22 PP	KRE 22 PP	22	10	12	0.3	36	23		M 10 × 1	12		4	0.6	17
	KRV 22	KRVE 22	22	10	12	0.3	36	23		M 10 × 1	12		4	0.6	17
	KRV 22PP	KRVE 22PP	22	10	12	0.3	36	23		M 10 × 1	12		4	0.6	17
26	KR 26	KRE 26	26	10	12	0.3	36	23		M 10 × 1	12		4	0.6	17
	KR 26 PP	KRE 26 PP	26	10	12	0.3	36	23		M 10 × 1	12		4	0.6	17
	KRV 26	KRVE 26	26	10	12	0.3	36	23		M 10 × 1	12		4	0.6	17
	KRV 26 PP	KRVE 26 PP	26	10	12	0.3	36	23		M 10 × 1	12		4	0.6	17
30	KR 30	KRE 30	30	12	14	0.6	40	25	6	M 12 × 1.5	13	3	6	0.6	23
	KR 30 PP	KRE 30 PP	30	12	14	0.6	40	25	6	M 12 × 1.5	13	3	6	0.6	23
	KRV 30	KRVE 30	30	12	14	0.6	40	25	6	M 12 × 1.5	13	3	6	0.6	23
	KRV 30 PP	KRVE 30 PP	30	12	14	0.6	40	25	6	M 12 × 1.5	13	3	6	0.6	23
32	KR 32	KRE 32	32	12	14	0.6	40	25	6	M 12 × 1.5	13	3	6	0.6	23
	KR 32 PP	KRE 32 PP	32	12	14	0.6	40	25	6	M 12 × 1.5	13	3	6	0.6	23
	KRV 32	KRVE 32	32	12	14	0.6	40	25	6	M 12 × 1.5	13	3	6	0.6	23
	KRV 32 PP	KRVE 32 PP	32	12	14	0.6	40	25	6	M 12 × 1.5	13	3	6	0.6	23
35	KR 35	KRE 35	35	16	18	0.6	52	32.5	8	M 16 × 1.5	17	3	6	0.8	27
	KR 35 PP	KRE 35 PP	35	16	18	0.6	52	32.5	8	M 16 × 1.5	17	3	6	0.8	27
	KRV 35	KRVE 35	35	16	18	0.6	52	32.5	8	M 16 × 1.5	17	3	6	0.8	27
	KRV 35 PP	KRVE 35 PP	35	16	18	0.6	52	32.5	8	M 16 × 1.5	17	3	6	0.8	27
	NUKR 35	NUKRE 35	35	16	18	0.6	52	32.5	8	M 16 × 1.5	17	3	6	0.8	21
40	KR 40	KRE 40	40	18	20	1	58	36.5	8	M 18 × 1.5	19	3	6	0.8	32
	KR 40 PP	KRE 40 PP	40	18	20	1	58	36.5	8	M 18 × 1.5	19	3	6	0.8	32
	KRV 40	KRVE 40	40	18	20	1	58	36.5	8	M 18 × 1.5	19	3	6	0.8	32
	KRV 40 PP	KRVE 40 PP	40	18	20	1	58	36.5	8	M 18 × 1.5	19	3	6	0.8	32
	NUKR 40	NUKRE 40	40	18	20	1	58	36.5	8	M 18 × 1.5	19	3	6	0.8	23
47	KR 47	KRE 47	47	20	24	1	66	40.5	9	M 20 × 1.5	21	4	8	0.8	37
	KR 47 PP	KRE 47 PP	47	20	24	1	66	40.5	9	M 20 × 1.5	21	4	8	0.8	37
	KRV 47	KRVE 47	47	20	24	1	66	40.5	9	M 20 × 1.5	21	4	8	0.8	37
	KRV 47 PP	KRVE 47 PP	47	20	24	1	66	40.5	9	M 20 × 1.5	21	4	8	0.8	37
	NUKR 47	NUKRE 47	47	20	24	1	66	40.5	9	M 20 × 1.5	21	4	8	0.8	37



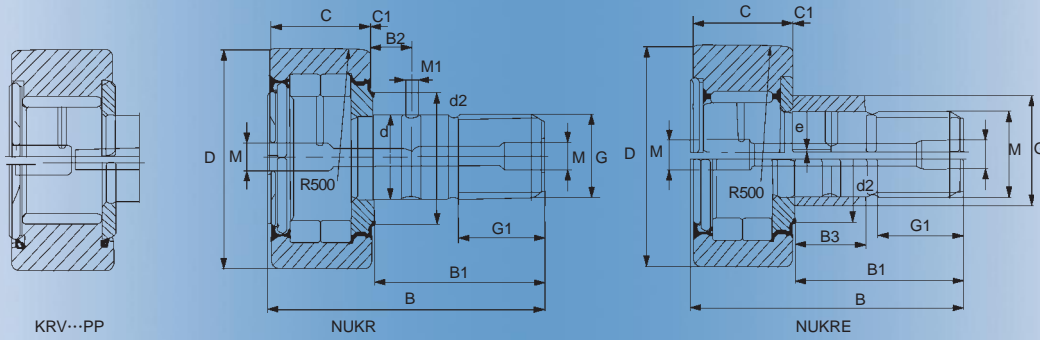
外形尺寸 Boundary Dimensions			M Nm	基本额定负荷 Basic Load Rating				极限转速 Limiting Speed rpm
d1	B3	e		动 Dynamic	静 Static	作为支承滚轮 As yoke type track rollers		
						动 Cw	静 Cow	
mm			N					
9	7	0.5	3	3800	3750	3150	3300	22000
9	7	0.5	3	3800	3750	3150	3300	16000
9	7	0.5	3	6400	8500	4850	6500	8500
9	7	0.5	3	6400	8500	4850	6500	8500
11	9	0.5	8	4250	4600	3500	3900	20000
11	9	0.5	8	4250	4600	3500	3900	14000
11	9	0.5	8	7300	10800	5500	7900	7000
11	9	0.5	8	7300	10800	5500	7900	7000
13	10	0.5	15	5700	6500	4450	5200	16000
13	10	0.5	15	5700	6500	4450	5200	11000
13	10	0.5	15	8600	12900	6300	9100	6000
13	10	0.5	15	8600	12900	6300	9100	6000
13	10	0.5	15	5700	6500	5100	6200	16000
13	10	0.5	15	5700	6500	5100	6200	11000
13	10	0.5	15	8600	12900	7300	11300	6000
13	10	0.5	15	8600	12900	7300	11300	6000
15	11	0.5	22	8100	9700	6800	8400	11000
15	11	0.5	22	8100	9700	6800	8400	8300
15	11	0.5	22	12200	19000	9500	14600	4500
15	11	0.5	22	12200	19000	9500	14600	4500
15	11	0.5	22	8100	9700	7100	9000	11000
15	11	0.5	22	8100	9700	7100	9000	8300
15	11	0.5	22	12200	19000	10000	15800	4500
15	11	0.5	22	12200	19000	10000	15800	4500
20	14	1	58	12900	19000	9700	14100	7000
20	14	1	58	12900	19000	9700	14100	7000
20	14	1	58	18300	35000	12800	23000	3400
20	14	1	58	18300	35000	12800	23000	3400
20	14	1	58	23000	27000	16000	18300	6500
22	16	1	87	14200	20400	10900	15500	6000
22	16	1	87	14200	20400	10900	15500	6000
22	16	1	87	21000	39500	14800	26500	2900
22	16	1	87	21000	39500	14800	26500	2900
22	16	1	87	24800	31000	18500	22800	5500
24	18	1	120	19500	32000	15500	25500	4900
24	18	1	120	19500	32000	15500	25500	4900
24	18	1	120	28000	59000	20600	42000	2600
24	18	1	120	28000	59000	20600	42000	2600
24	18	1	120	39000	50000	28000	34500	4200

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## Curve Roller Bearings



外径 Shaft Diameter	轴承型号 Bearing Designation		外形尺寸 Boundary Dimensions												
		带偏心套 With eccentric sleeve	D	d	C	ra	B	B1	B2	G	G1	M	Mn	C1	d2
mm			mm					min	mm						
52	KR 52	KRE 52	52	20	24	1	66	40.5	9	M 20 × 1.5	21	8	4	0.8	37
	KR 52 PP	KRE 52PP	52	20	24	1	66	40.5	9	M 20 × 1.5	21	8	4	0.8	37
	KRV 52	KRVE 52	52	20	24	1	66	40.5	9	M 20 × 1.5	21	8	4	0.8	37
	KRV 52 PP	KRVE 52PP	52	20	24	1	66	40.5	9	M 20 × 1.5	21	8	4	0.8	37
	NUKR 52	NUKRE 52	52	20	24	1	66	40.5	9	M 20 × 1.5	21	8	4	0.8	31
62	KR 62	KRE 62	62	24	29	1	80	49.5	11	M 24 × 1.5	25	8	4	0.8	44
	KR 62 PP	KRE 62 PP	62	24	29	1	80	49.5	11	M 24 × 1.5	25	8	4	0.8	44
	KRV 62	KRVE 62	62	24	29	1	80	49.5	11	M 24 × 1.5	25	8	4	0.8	44
	KRV 62 PP	KRVE 62PP	62	24	29	1	80	49.5	11	M 24 × 1.5	25	8	4	0.8	44
	NUKR 62	NUKRE 62	62	24	29	1	80	49.5	11	M 24 × 1.5	25	8	4	0.8	38
72	KR 72	KRE 72	72	24	29	1.1	80	49.5	11	M 24 × 1.5	25	8	4	0.8	44
	KR 72 PP	KRE 72 PP	72	24	29	1.1	80	49.5	11	M 24 × 1.5	25	8	4	0.8	44
	KRV 72	KRVE 72	72	24	29	1.1	80	49.5	11	M 24 × 1.5	25	8	4	0.8	44
	KRV 72 PP	KRVE 72 PP	72	24	29	1.1	80	49.5	11	M 24 × 1.5	25	8	4	0.8	44
	NUKR 72	NUKRE 72	72	24	29	1.1	80	49.5	11	M 24 × 1.5	25	8	4	0.8	44
80	KRV 80	KRE 80	80	30	35	1.1	100	63	15	M 30 × 1.5	32	8	4	1	53
	KR 80 PP	KRE 80 PP	80	30	35	1.1	100	63	15	M 30 × 1.5	32	8	4	1	53
	KRV 80	KRVE 80	80	30	35	1.1	100	63	15	M 30 × 1.5	32	8	4	1	53
	KRV 80 PP	KRVE 80 PP	80	30	35	1.1	100	63	15	M 30 × 1.5	32	8	4	1	53
	NUKR 80	NUKRE 80	80	30	35	1.1	100	63	15	M 30 × 1.5	32	8	4	1	47
85	KR 85	KRE 85	85	30	35	1.1	100	63	15	M 30 × 1.5	32	8	4	1	53
	KR 85 PP	KRE 85 PP	85	30	35	1.1	100	63	15	M 30 × 1.5	32	8	4	1	53
90	KR90	KRE 90	90	30	35	1.1	100	63	15	M 30 × 1.5	32	8	4	1	53
	KR 90 PP	KRE 90 PP	90	30	35	1.1	100	63	15	M 30 × 1.5	32	8	4	1	53
	KRV 90	KRVE 90	90	30	35	1.1	100	63	15	M 30 × 1.5	32	8	4	1	53
	KRV 90 PP	KRVE 90 PP	90	30	35	1.1	100	63	15	M 30 × 1.5	32	8	4	1	53
		NUKRE 90	90	30	35	1.1	100	63	15	M 30 × 1.5	32	8	4	1	47



外形尺寸 Boundary Dimensions			M Nm	基本额定负荷 Basic Load Rating				极限转速 Limiting Speed
d1	B3	e		动 Dynamic	静 Static	作为支承滚轮 As yoke type track rollers		rpm
						动 Cw	静 Cow	
mm			N					
24	18	1	120	19500	32000	16800	38500	4900
24	18	1	120	19500	32000	16800	28500	4900
24	18	1	120	28000	59000	22500	48000	2600
24	18	1	120	28000	59000	22500	48000	2600
24	18	1	120	43500	60000	29000	37500	3400
28	22	1	220	30500	53000	26500	47500	3800
28	22	1	220	30500	53000	26500	47500	3800
28	22	1	220	41500	91000	34000	76000	2200
28	22	1	220	41500	91000	34000	76000	2200
28	22	1	220	59000	79000	40500	51000	2600
28	22	1	220	30500	53000	28000	53000	3800
28	22	1	220	30500	53000	28000	53000	3800
28	22	1	220	41500	91000	37000	85000	2200
28	22	1	220	41500	91000	37000	85000	2200
28	22	1	220	65000	93000	45000	61000	2100
35	29	1.5	450	45000	85000	39500	77000	2600
35	29	1.5	450	45000	85000	39500	77000	2600
35	29	1.5	450	60000	1420000	49500	1200000	1700
35	29	1.5	450	60000	142000	49500	120000	1700
35	29	1.5	450	95000	133000	67000	93000	1800
35	29	1.5	450	45000	85000	40500	80000	2600
35	29	1.5	450	45000	85000	40500	80000	2600
35	29	1.5	450	45000	85000	41500	83000	2600
35	29	1.5	450	45000	85000	41500	83000	2600
35	29	1.5	450	60000	142000	53000	130000	1700
35	29	1.5	450	60000	142000	53000	130000	1700
35	29	1.5	450	95000	133000	77000	110000	1800