

Model	Seal type	Inner diameter	Outside diameter	Breadth	Series	Dynamic radial load	Static radial load	Maximum speed (x1000)
HK0205-TV	Open	2mm	4.6mm	5mm	Open END	467	265	58
BK0306-TV	Open	3mm	6.5mm	6mm	Closed END	1230	840	48
HK0306-TV	Open	3mm	6.5mm	6mm	Open END	1230	840	48
BK0408	Open	4mm	8mm	8mm	Closed END	1540	1070	40
HK0408	Open	4mm	8mm	8mm	Open END	1540	1070	40
BK0509	Open	5mm	9mm	9mm	Closed END	2200	1790	36
HK0509	Open	5mm	9mm	9mm	Open END	2200	1790	36
HK0606	Open	6mm	10mm	6mm	Open END	1610	1219	36.5
HK0608	Open	6mm	10mm	8mm	Open END	1830	1550	32
BK0609	Open	6mm	10mm	9mm	Closed END	2650	2400	30
HK0609	Open	6mm	10mm	9mm	Open END	2650	2400	30
BK0709	Open	7mm	11mm	9mm	Closed END	2800	2150	27
HK0709	Open	7mm	11mm	9mm	Open END	2800	2150	27
BK0808	Open	8mm	12mm	8mm	Closed END	2550	2400	21
HK0808	Open	8mm	12mm	8mm	Open END	2550	2400	21
HN0808	Open	8mm	12mm	8mm	ALL	5000	6700	16.9
BK0810	Open	8mm	12mm	10mm	Closed END	3700	3450	21
HK0810	Open	8mm	12mm	10mm	Open END	3700	3450	21
HK0810-2RS	Double-sided seal	8mm	12mm	10mm	Open END	2180	1930	20
HK0810-RS	Single seal	8mm	12mm	10mm	Open END	2250	2100	19
HK0812-2RS	Double-sided seal	8mm	12mm	12mm	Open END	2250	2100	19
HK0812-RS	Single seal	8mm	12mm	12mm	Open END	3800	3950	20
HK0908	Open	9mm	13mm	8mm	Open END	3650	4050	25
BK0910	Open	9mm	13mm	10mm	Closed END	4050	4250	25
HK0910	Open	9mm	13mm	10mm	Open END	4050	4250	25
BK0912	Open	9mm	13mm	12mm	Closed END	5000	6000	25
HK0912	Open	9mm	13mm	12mm	Open END	5000	6000	25
BK1010	Open	10mm	14mm	10mm	Closed END	3900	4800	19
HK1010	Open	10mm	14mm	10mm	Open END	3900	4800	19
HN1010	Open	10mm	14mm	10mm	ALL	7200	11100	13.9
BK1012	Open	10mm	14mm	12mm	Closed END	5000	6300	19
HK1012	Open	10mm	14mm	12mm	Open END	5000	6300	19
HK1012-RS	Single seal	10mm	14mm	12mm	Open END	4100	5000	19
HK1012-2RS	Double-sided seal	10mm	14mm	12mm	Open END	3200	3350	17
BK1012-RS	Single seal	10mm	14mm	12mm	Closed END	4400	5100	17
BK1015	Open	10mm	14mm	15mm	Closed END	6700	7800	19
HK1015	Open	10mm	14mm	15mm	Open END	6700	7800	19
BK1210	Open	12mm	16mm	10mm	Closed END	4150	5800	19
HK1210	Open	12mm	16mm	10mm	Open END	4150	5800	19

HN1210	Open	12mm	16mm	10mm	ALL	8000	13400	11.8
BK1212	Open	12mm	18mm	12mm	Closed END	3800	5100	15
HK1212	Open	12mm	18mm	12mm	Open END	3800	5100	15
HN1212	Open	12mm	18mm	12mm	ALL	10200	15200	11.4
HK1214-2RS	Double-sided seal	12mm	16mm	14mm	Open END	4950	6200	14
HK1214-RS	Single seal	12mm	18mm	14mm	Open END	6100	7000	15
HK1216-2RS	Double-sided seal	12mm	18mm	16mm	Open END	6100	7000	12
BK1312	Open	13mm	19mm	12mm	Closed END	6200	7100	17
HK1312	Open	13mm	19mm	12mm	Open END	6200	7100	17
BK1412	Open	14mm	20mm	12mm	Closed END	7100	8500	17.5
HK1412	Open	14mm	20mm	12mm	Open END	7100	8500	17.5
HN1412	Open	14mm	20mm	12mm	ALL	11000	17500	10
BK1512	Open	15mm	21mm	12mm	Closed END	7000	8400	14
HK1512	Open	15mm	21mm	12mm	Open END	7000	8400	14
BK1514-RS	Single seal	15mm	21mm	14mm	Closed END	6800	8800	10
HK1514-RS	Single seal	15mm	21mm	14mm	Open END	6800	8800	11
BK1516	Open	15mm	21mm	16mm	Closed END	9800	11400	14
HK1516	Open	15mm	21mm	16mm	Open END	9800	11400	14
HN1516	Open	15mm	21mm	16mm	ALL	15400	27500	9.4
HK1516-2RS	Double-sided seal	15mm	21mm	16mm	Open END	6800	8800	10
HK1518-RS	Single seal	15mm	21mm	18mm	Open END	9500	11400	10
HK1520-2RS	Double-sided seal	15mm	21mm	20mm	Open END	9500	11400	10
HK1522-ZW	Open	15mm	21mm	22mm	Open END	13400	19500	16.5
BK1612	Open	16mm	22mm	12mm	Closed END	7100	9200	14
HK1612	Open	16mm	22mm	12mm	Open END	7100	9200	14
HN1612	Open	16mm	22mm	12mm	ALL	12000	20300	8.9
BK1614-RS	Single seal	16mm	22mm	14mm	Closed END	7200	9200	10
HK1614-RS	Single seal	16mm	22mm	14mm	Open END	7200	9200	10
BK1616	Open	16mm	22mm	16mm	Closed END	10100	14300	14
HK1616	Open	16mm	22mm	16mm	Open END	10100	14300	14
HK1616-2RS	Double-sided seal	16mm	22mm	16mm	Open END	7200	9200	10
HK1620-2RS	Double-sided seal	16mm	22mm	20mm	Open END	9900	12300	10
HK1622-ZW	Open	16mm	22mm	22mm	Closed END	13100	19400	15.6
HK1712	Open	17mm	23mm	12mm	Open END	6900	9300	13
BK1812	Open	18mm	24mm	12mm	Closed END	7100	9900	12
HK1812	Open	18mm	24mm	12mm	Open END	7100	9900	12
HK1814-RS	Open	18mm	24mm	14mm	Open END	7800	9900	13
BK1816	Open	18mm	24mm	16mm	Closed END	10600	15300	12
HK1816	Open	18mm	24mm	16mm	Open END	10600	15300	12

HK1816-2RS	Open	18mm	24mm	16mm	Open END	7800	9900	9.2
HN1816	Open	18mm	24mm	16mm	ALL	17000	32500	8
HK2010	Open	20mm	26mm	10mm	Open END	5900	7200	10
HK2012	Open	20mm	26mm	12mm	Open END	7600	10100	10
BK2016	Open	20mm	26mm	16mm	Closed END	11700	29100	10
HK2016	Open	20mm	26mm	16mm	Open END	11700	29100	10
HN2016	Open	20mm	26mm	16mm	ALL	18100	36502	7.3
HK2016-2RS	Double-sided seal	20mm	26mm	16mm	Open END	8000	10100	9
BK2018-RS	Single seal	20mm	26mm	18mm	Closed END	12700	20100	7.8
HK2018-RS	Single seal	20mm	26mm	18mm	Open END	12700	20100	8.2
BK2020	Open	20mm	26mm	20mm	Closed END	13700	24000	10
HK2020	Open	20mm	26mm	20mm	Open END	13700	24000	10
HN2020	Open	20mm	26mm	20mm	ALL	22400	48000	7.3
HK2020-2RS	Double-sided seal	20mm	26mm	20mm	Open END	12700	20100	7.8
HK2030-ZW	Open	20mm	26mm	30mm	Open END	21800	40000	12.7
HK2210	Open	22mm	28mm	10mm	Open END	7200	9500	10
BK2212	Open	22mm	28mm	12mm	Closed END	8100	10400	10
HK2212	Open	22mm	28mm	12mm	Open END	8100	10400	10
HK2214-RS	Single seal	22mm	28mm	14mm	Open END	8310	10000	9
BK2216	Open	22mm	28mm	16mm	Closed END	11400	18100	10
HK2216	Open	22mm	28mm	16mm	Open END	11400	18100	10
HK2216-2RS	Double-sided seal	22mm	28mm	16mm	Open END	9000	12400	7.8
HK2218-RS	Single seal	22mm	28mm	18mm	Open END	10400	20100	7.8
HK2220	Open	22mm	28mm	20mm	Open END	14500	25000	10
HK2220-2RS	Double-sided seal	22mm	28mm	20mm	Open END	10400	20100	7.8
HK2512	Open	25mm	32mm	12mm	Open END	10000	14200	9
BK2516	Open	25mm	32mm	16mm	Closed END	13600	20000	9
HK2516	Open	25mm	32mm	16mm	Open END	13600	20000	9
HK2516-2RS	Double-sided seal	25mm	32mm	16mm	Open END	9800	13200	6.9
BK2518-RS	Single seal	25mm	32mm	18mm	Closed END	13600	20000	6.9
HK2518-RS	Single seal	25mm	32mm	18mm	Open END	13600	20000	6.9
BK2520	Open	25mm	32mm	20mm	Closed END	17900	30000	9
HK2520	Open	25mm	32mm	20mm	Open END	17900	30000	9
HN2520	Open	25mm	32mm	20mm	ALL	28000	59000	7.9
HK2520-2RS	Double-sided seal	25mm	32mm	20mm	Open END	13600	20000	6.9
HK2524-2RS	Double-sided seal	25mm	32mm	24mm	Open END	17900	30000	6.9
BK2526	Open	25mm	32mm	26mm	Closed END	22500	42000	9
HK2526	Open	25mm	32mm	26mm	Open END	22500	42000	9

HK2530	Open	25mm	32mm	30mm	Open END	24500	43000	6.9
BK2538-ZW	Open	25mm	32mm	38mm	Closed END	34000	66000	10.2
HK2538-ZW	Open	25mm	32mm	38mm	Open END	34000	66000	10.2
HK2816	Open	28mm	35mm	16mm	Open END	15400	22500	8.7
HK2818-RS	Single seal	28mm	35mm	18mm	Open END	16400	26500	6
HK2820	Open	28mm	35mm	20mm	Open END	18900	32000	8.7
HN2820	Open	28mm	35mm	20mm	ALL	30000	67000	9
HK2820-2RS	Double-sided seal	28mm	35mm	20mm	Open END	11400	22500	5.3
BK3012	Open	30mm	37mm	12mm	Closed END	10100	16200	8.1
HK3012	Open	30mm	37mm	12mm	Open END	10100	16200	8.1
BK3016	Open	30mm	37mm	16mm	Closed END	15200	27000	8.1
HK3016	Open	30mm	37mm	16mm	Open END	15200	27000	8.1
HK3016-2RS	Double-sided seal	30mm	37mm	16mm	Open END	10100	16200	5.3
HK3018-RS	Single seal	30mm	37mm	18mm	Open END	17201	28998	5.2
BK3020	Open	30mm	37mm	20mm	Closed END	19700	33500	8.1
HK3020	Open	30mm	37mm	20mm	Open END	19700	33500	8.1
HK3020-2RS	Double-sided seal	30mm	37mm	20mm	Open END	17201	28998	5.2
HK3022	Open	30mm	37mm	22mm	Open END	24800	46000	8.6
HK3024-2RS	Double-sided seal	30mm	37mm	24mm	Open END	21000	38500	5.3
BK3026	Open	30mm	37mm	26mm	Closed END	24000	50000	8.1
HK3026	Open	30mm	37mm	26mm	Open END	24000	50000	8.1
BK3038-ZW	Open	30mm	37mm	38mm	ALL	37500	79000	8.6
HK3038-ZW	Open	30mm	37mm	38mm	ALL	37500	79000	8.6
HK3220	Open	32mm	39mm	20mm	Open END	23002	42498	8.1
HK3224	Open	32mm	39mm	24mm	Open END	25500	52000	7.3
HK3512	Open	35mm	42mm	12mm	Open END	12100	19300	7.1
HK3516	Open	35mm	42mm	16mm	Open END	15700	27500	7.1
HK3516-2RS	Double-sided seal	35mm	42mm	16mm	Open END	10100	20300	4.9
HK3518-RS	Single seal	35mm	42mm	18mm	Open END	16700	30500	4.9
BK3520	Open	35mm	42mm	20mm	Closed END	20800	41000	7.1
HK3520	Open	35mm	42mm	20mm	Open END	20800	41000	7.1
HK3520-2RS	Double-sided seal	35mm	42mm	20mm	Open END	16700	30500	4.9
HN3520	Open	35mm	42mm	20mm	ALL	33500	83000	4.25
HK4012	Open	40mm	47mm	12mm	Open END	14000	24300	6.3
HK4016	Open	40mm	47mm	16mm	Open END	20000	38500	6.3
HK4016-2RS	Double-sided seal	40mm	47mm	16mm	Open END	11000	21300	4.2
HK4018-RS	Single seal	40mm	47mm	18mm	Open END	19000	30500	4.2
BK4020	Open	40mm	47mm	20mm	Closed END	25500	52000	6.3
HK4020	Open	40mm	47mm	20mm	Open END	25500	52000	6.3

HK4020-2RS	Double-sided seal	40mm	47mm	20mm	Open END	19000	30500	4.2
HN4020	Open	40mm	47mm	20mm	ALL	36000	95000	3.75
HK4512	Open	45mm	52mm	12mm	Open END	12900	22500	5.8
HK4516	Open	45mm	52mm	16mm	Open END	19300	38000	5.3
HK4518-RS	Single seal	45mm	52mm	18mm	Open END	20300	41000	4.8
BK4520	Open	45mm	52mm	20mm	Closed END	22000	51000	5.8
HK4520	Open	45mm	52mm	20mm	Open END	22000	51000	5.8
HK4520-2RS	Single seal	45mm	52mm	20mm	Open END	20300	41000	4.8
HN4520	Open	45mm	52mm	20mm	ALL	38500	108000	3.35
HN4525	Open	45mm	52mm	25mm	ALL	47000	139000	3.35
BK5025	Open	50mm	58mm	25mm	Closed END	34500	80000	5.3
HK5020	Open	50mm	58mm	20mm	Open END	28000	60000	5.3
HK5022-RS	Single seal	50mm	58mm	22mm	Open END	30000	61000	3.2
HK5024-2RS	Double-sided seal	50mm	58mm	24mm	Open END	30000	61000	3.2
HK5025	Open	50mm	58mm	25mm	Open END	34500	80000	5.3
HN5020	Open	50mm	58mm	20mm	ALL	44500	119000	3
Needle Roller Clutch Model	Series	Inner diameter	Outside diameter	Breadth	Spring material	Torque capacity	Surface knurling	Maximum speed (x1000)
HF0306-KF	HF	3mm	6.5mm	6mm	PA66	0.18Nm	No	45
HF0306-KF-R	HF	3mm	6.5mm	6mm	PA66	0.06Nm	Yes	45
HFL0308-KF	HFL	3mm	6.5mm	8mm	PA66	0.18Nm	No	45
HFL0308-KF-FHFL	HFL	3mm	6.5mm	8mm	PA66	0.06Nm	Yes	45
HF0406-KF	HF	4mm	8mm	6mm	PA66	0.34Nm	No	34
HF0406-KF-R	HF	4mm	8mm	6mm	PA66	0.1Nm	Yes	34
HFL0408-KF	HFL	4mm	8mm	8mm	PA66	0.34Nm	No	34
HFL0408-KF-FHFL	HFL	4mm	8mm	8mm	PA66	0.1Nm	Yes	34
1WC0608	1WC	6mm	10mm	8mm	Steel	0.44Nm	-	-
1WC0612	1WC	6mm	10mm	12mm	Steel	0.88Nm	-	-
EWC0608A	EWC	6mm	10mm	8mm	PA66	0.25Nm	-	-
EWC0608XA	EWC	6mm	10mm	7.5mm	PA66	0.25Nm	-	-
HF0612	HF	6mm	10mm	12mm	Steel	1.76Nm	No	23
HF0612-KF	HF	6mm	10mm	12mm	PA66	1.76Nm	No	23
HF0612-KF-R	HF	6mm	10mm	12mm	PA66	0.6Nm	Yes	23
HF0612-R	HF	6mm	10mm	12mm	Steel	0.6Nm	Yes	23
HFL0606-KF-FHFL	HFL	6mm	10mm	6mm	PA66	0.5Nm	Yes	23
HFL0615	HFL	6mm	10mm	15mm	Steel	1.76Nm	No	23
HFL0615-KF	HFL	6mm	10mm	15mm	PA66	1.76Nm	No	23
HFL0615-KF-FHFL	HFL	6mm	10mm	15mm	PA66	0.6Nm	Yes	23
HFL0615-R	HFL	6mm	10mm	15mm	Steel	0.5Nm	Yes	23
1WC0812	1WC	8mm	14.2mm	12mm	Steel	1.96Nm	-	-
1WC0815	1WC	6mm	10mm	14.5mm	Steel	2.65Nm	-	-
EWC0809A	EWC	8mm	12mm	9mm	PA66	0.49Nm	-	-
EWC0812A	EWC	8mm	14.2mm	15mm	PA66	1.18Nm	-	-
HF0812	HF	8mm	12mm	12mm	Steel	3.15Nm	No	17
HF0812-KF	HF	8mm	12mm	12mm	PA66	3.15Nm	No	17

HF0812-KF-R	HF	8mm	12mm	12mm	PA66	1Nm	Yes	17
HF0812-R	HF	8mm	12mm	12mm	Steel	1Nm	Yes	17
HF0806-KF-R	HF	8mm	12mm	6mm	PA66	0.7Nm	Yes	17
HFL0822	HFL	8mm	12mm	22mm	Steel	3.15Nm	No	17
HFL0822-KF	HFL	8mm	12mm	22mm	PA66	3.15Nm	No	17
HFL0822-KF-F	HFL	8mm	12mm	22mm	PA66	1Nm	Yes	17
HFL0822-R	HFL	8mm	12mm	22mm	Steel	1Nm	Yes	17
1WC1012	1WC	10mm	16mm	12mm	Steel	2.35Nm	-	-
EWC1010A	EWC	10mm	16mm	17mm	PA66	1.96Nm	-	-
EWC1012A	EWC	10mm	16mm	17mm	PA66	1.37Nm	-	-
HF1012	HF	10mm	14mm	12mm	Steel	5.3Nm	No	14
HF1012-KF	HF	10mm	14mm	12mm	PA66	5.3Nm	No	14
HFL1022	HFL	10mm	14mm	22mm	Steel	5.3Nm	No	14
1WC1216	1WC	12mm	18mm	16mm	Steel	6.28Nm	-	-
HF1216	HF	12mm	18mm	16mm	Steel	12.2Nm	No	11
HFL1226	HFL	12mm	18mm	28mm	Steel	12.2Nm	No	11
HF1416	HF	14mm	20mm	16mm	Steel	17.3Nm	No	9.5
HFL1426	HFL	14mm	20mm	26mm	Steel	17.3Nm	No	9.5
HF1616	HF	16mm	22mm	16mm	Steel	20.5Nm	No	8.5
HFL1626	HFL	16mm	24mm	26mm	Steel	20.5Nm	No	8.5
HF1816	HF	18mm	24mm	16mm	Steel	24.1Nm	No	7.5
HFL1826	HFL	18mm	24mm	26mm	Steel	24.1Nm	No	7.5
HF2016	HF	20mm	26mm	16mm	Steel	28.5Nm	No	7
HFL2026	HFL	20mm	26mm	26mm	Steel	28.5Nm	No	7
HF2520	HF	25mm	32mm	20mm	Steel	66Nm	No	5
HFL2530	HFL	25mm	32mm	30mm	Steel	66Nm	No	5
HF3020	HF	30mm	37mm	20mm	Steel	90Nm	No	4.5
HFL3030	HFL	30mm	37mm	30mm	Steel	90Nm	No	4.5
HF3520	HF	35mm	42mm	20mm	Steel	121Nm	No	3.9
HFL3530	HFL	35mm	42mm	30mm	Steel	121Nm	No	3.9