

Drwan Cup Caged Needle Roller Bearings With Open End With Seals

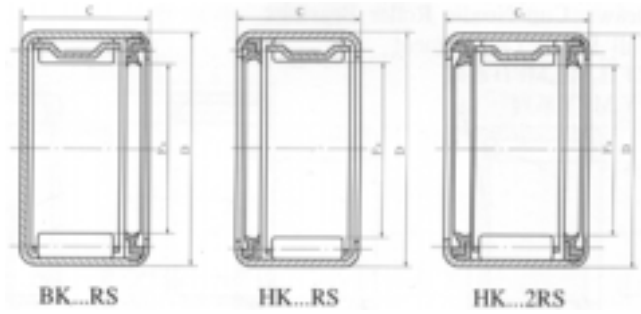
With Open End, With Seals

HK...RS, HK...2RS Series

Drwan Cup Caged Needle Roller Bearings

With Closed End, With Seals

BK...RS Series



Shaft Diameter	Bearing Designation			Mass(g)			Boundary Dimensions				Basic Load Rating		Limiting Speed
											Dynamic	Static	
	HK..RS	HK..2RS	BK..RS	HK..RS	HK..2RS	BK..RS	Fw	D	C	C1	Cr (N)	Cor(N)	Grease
8	HK0810RS	HK08122RS	—	2.9	3.5	—	8	12	10	12	2500	2400	18000
10	HK1012RS	HK10142RS	—	4.1	5.2	—	10	14	12	14	4200	5000	15000
12	HK1214RS	HK12162RS	—	10.6	11.5	—	12	18	14	16	5500	6500	12000
14	HK1414RS	HK14162RS	BK1414RS	12.0	14.0	14.1	14	20	14	16	7000	8000	10000
15	HK1514RS	HK15162RS	BK1514RS	12.6	14.3	14.4	15	21	14	16	7500	9000	9500
	HK1518RS	HK15202RS	—	16.0	18.0	—	15	21	18	20	10200	12000	9500
16	HK1614RS	HK16162RS	BK1614RS	13.3	15.1	15.3	16	22	14	16	7500	8500	9500
	—	HK16202RS	—	—	16.8	—	16	22	—	20	10500	13000	9500
18	HK1814RS	HK18162RS	—	15.1	17.0	—	18	24	14	16	8000	10500	9000
20	—	HK20162RS	—	—	18.8	—	20	26	—	16	8500	12000	8000
	HK2018RS	HK20202RS	BK2018RS	21.4	23.5	24.4	20	26	18	20	12500	19000	8000
22	HK2214RS	HK22162RS	—	18.3	20.3	—	22	28	14	16	9000	12500	7500
	HK2218RS	HK22202RS	—	23.5	25.5	—	22	28	18	20	12500	20000	7500
25	—	HK25162RS	—	—	27.3	—	25	32	—	16	10000	14000	6500
	HK2518RS	HK25202RS	BK2518RS	31.0	33.1	35.3	25	32	18	20	14500	22000	6500
	—	HK25242RS	—	—	39.7	—	25	32	—	24	18500	31500	6500
	—	HK25302RS	—	—	47.3	—	25	32	—	30	25000	35500	6500
28	—	HK28202RS	—	—	36.9	—	28	35	—	20	15000	25500	5500
30	—	HK30162RS	—	—	28.5	—	30	37	—	16	12000	18000	5500
	HK3018RS	HK30202RS	—	36.6	39.1	—	30	37	18	20	15000	25000	5500
	—	HK30242RS	—	—	49.7	—	30	37	—	24	20000	37000	5500
35	—	HK35162RS	—	—	36.4	—	35	42	—	16	13000	20000	4500
	HK3518RS	HK35202RS	—	37.4	41.1	—	35	42	18	20	18500	33000	4500
40	—	HK40162RS	—	—	41.2	—	40	47	—	16	12000	22000	4000
	HK4018RS	HK40202RS	—	47.3	50.2	—	40	47	18	20	18000	35000	4000
45	HK4518RS	HK45202RS	—	54.2	57.4	—	45	52	18	20	21200	42000	3500
50	HK5022RS	HK50242RS	—	77.2	84.0	—	50	58	22	24	30000	62000	2800

Remarks: TN=The allowable working temperature for plastic cage: 120 (continuously); 150 (temporarily); 180 (for a shorttime).