



円筒ころ軸受

Cylindrical Roller Bearings



HRB

Original MISUMI Type The products in this page are different from the published types in the MISUMI product catalogs. To order MISUMI products, please use the original MISUMI types.

(Inner ring half-detached)

NU□□EM-H

(Installation diagram)

M GCr15
Bearing accuracy JIS B 1514 Class 0

NU-Cylindrical roller bearings without flange on inner ring.

Part Number	Original MISUMI model Code	d	D	D ₁	B	r ₁ (min.)	r ₃ (min.)	F	Basic load rating		Allowable rotational speed (r/min)		Installation dimensions				Mass (kg) (reference)
									Cr (Dynamic) kN	Cor (Static) kN	Grease lubricated	Oil lubricated	d _a (min.)	D _a (max.)	r _a (max.)	r _b (max.)	
NU306EM	H	30	72	58.5	19	1.1	1.1	40.5	51.6	48.4	9000	11000	36.5	65.5	1.0	1.0	0.360
NU207EM		35	72	60.7	17	1.1	0.6	44.0	48.7	48.2	8500	10000	39.0	65.5	1.0	0.6	0.296
NU307EM		80	66.3	21	1.5	1.1	46.2	65.0	53.3	8000	9500	41.5	72.0	1.5	1.0	0.472	
NU308EM		40	90	75.4	23	1.5	1.5	52.0	80.4	78.0	6700	8000	48.0	82.0	1.5	1.5	0.636
NU209EM		45	85	72.1	19	1.1	1.1	54.5	61.3	64.1	6700	8000	51.5	78.5	1.0	1.0	0.424
NU309EM			100	83.6	25	1.5	1.5	58.5	97.6	98.3	6300	7500	53.0	92.0	1.5	1.5	0.873
NU210EM		50	90	77.1	20	1.1	1.1	59.5	64.1	69.3	6300	7500	56.5	83.5	1.0	1.0	0.482
NU310EM			110	91.7	27	2.0	2.0	65.0	110.0	113.0	5000	6000	59.0	101.0	2.0	2.0	1.120

kgf=N×0.101972

(Inner ring half-detached)

NJ2□□EM-H

(Installation diagram)

M GCr15
Bearing accuracy JIS B 1514 Class 0

NJ-Cylindrical roller bearings without flange on outer ring.

Part Number	Original MISUMI model Code	d	D	D ₁	d ₁	B	r ₁ (min.)	F	Basic load rating		Allowable rotational speed (r/min)		Installation dimensions			Mass (kg) (reference)
									Cr (Dynamic) kN	Cor (Static) kN	Grease lubricated	Oil lubricated	d _a (min.)	D _a (max.)	r _a (max.)	
NJ205EM	H	25	52	43.5	34.7	15	1.0	31.5	28.7	27.0	11000	14000	29.0	47.0	1.0	0.130
NJ207EM		35	72	60.7	48.3	17	1.1	44.0	48.7	48.2	8500	10000	39.0	65.5	1.0	0.296
NJ209EM		45	85	72.1	59.2	19	1.1	54.5	61.3	64.1	6700	8000	51.5	78.5	1.0	0.424
NJ210EM		50	90	77.1	64.2	20	1.1	59.5	64.1	69.3	6300	7500	56.5	83.5	1.0	0.482

When ordering, suffix the part number with "-H".

kgf=N×0.101972



Order Sample

Part Number	Original MISUMI model Code
NU306EM	H
NJ205EM	H