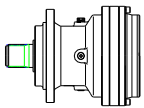
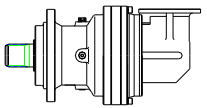


# NB300 series gear motor

**P1=30KW      n1=1400 min<sup>-1</sup>**

<b>n<sub>2</sub></b> (min <sup>-1</sup> )	<b>M<sub>2</sub></b> (N.m)	<b>S</b>	<b>I</b> <b>1:</b>	<b>P<sub>t</sub></b> (KW)			IEC Motor type	Check Thermal Power Pt >= P1	Dimension Page Number
1.8	138939	0.85	772	45.0	--	NB316R4	200L-4	OK	PAGE 190
2.2	117069	1.00	650	45.0	--	NB316R4	200L-4	OK	PAGE 190
2.6	98115	1.21	545	45.0	--	NB316R4	200L-4	OK	PAGE 190
3.0	82671	1.36	459	45.0	--	NB316R4	200L-4	OK	PAGE 190
3.6	70078	0.97	389	40.0	--	NB315R4	200L-4	OK	PAGE 180
3.6	69286	1.58	385	45.0	--	NB316R4	200L-4	OK	PAGE 190
4.3	58732	1.30	326	40.0	--	NB315R4	200L-4	OK	PAGE 180
4.6	56092	1.09	301	30.0	NB315L3	--	200L-4	OK	PAGE 180
4.7	53989	1.82	300	45.0	--	NB316R4	200L-4	OK	PAGE 190
5.0	50159	1.52	279	40.0	--	NB315R4	200L-4	OK	PAGE 180
5.5	47263	1.44	254	30.0	NB315L3	--	200L-4	OK	PAGE 180
5.9	42539	1.82	236	40.0	--	NB315R4	200L-4	OK	PAGE 180

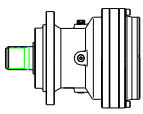
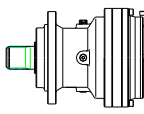
E-mail: [nbpg@nb-gearbox.com](mailto:nbpg@nb-gearbox.com)

 **NBPG** Ningbo  
Planetary gearbox

Web: <http://www.nb-gearbox.com>

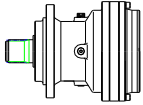
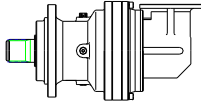
## NB300 series gear motor

**P1=30KW**      **n1=1400 min<sup>-1</sup>**

$n_2$ (min <sup>-1</sup> )	$M_2$ (N.m)	S	I 1:	$P_t$ (KW)			IEC Motor type	Check Thermal Power Pt >= P1	Dimension Page Number
6.0	42069	2.27	234	45.0	--	NB316R4	200L-4	OK	PAGE 190
6.8	38564	1.71	207	30.0	NB315L3	--	200L-4	OK	PAGE 180
6.9	37952	1.71	204	30.0	NB316L3	--	200L-4	OK	PAGE 190
7.1	35732	2.12	198	40.0	--	NB315R4	200L-4	OK	PAGE 180
7.8	33563	1.88	180	30.0	NB315L3	--	200L-4	OK	PAGE 180
8.1	31131	2.42	173	40.0	--	NB315R4	200L-4	OK	PAGE 180
8.2	31978	1.88	172	30.0	NB316L3	--	200L-4	OK	PAGE 190
9.2	28280	2.22	152	30.0	NB315L3	--	200L-4	OK	PAGE 180
9.2	27338	2.42	152	40.0	--	NB315R4	200L-4	OK	PAGE 180
9.7	26801	3.08	144	30.0	NB316L3	--	200L-4	OK	PAGE 190
9.8	26691	1.17	143	40.0	--	NB313R3	200L-4	OK	PAGE 170
11.0	23701	2.74	127	30.0	NB315L3	--	200L-4	OK	PAGE 180
11.3	23166	2.56	124	75.0	--	NB315R3	200L-4	OK	PAGE 180
11.3	23059	1.03	124	40.0	--	NB311R3	200L-4	OK	PAGE 160
11.5	22582	3.42	121	30.0	NB316L3	--	200L-4	OK	PAGE 190
11.6	22510	1.32	121	40.0	--	NB313R3	200L-4	OK	PAGE 170
12.9	20242	3.08	109	30.0	NB315L3	--	200L-4	OK	PAGE 180
13.4	19520	3.08	105	75.0	--	NB315R3	200L-4	OK	PAGE 180
13.4	19429	1.17	104	40.0	--	NB311R3	200L-4	OK	PAGE 160
13.7	18967	1.47	102	40.0	--	NB313R3	200L-4	OK	PAGE 170
13.8	18926	3.42	102	30.0	NB316L3	--	200L-4	OK	PAGE 190
15.2	17166	3.42	92.2	30.0	NB315L3	--	200L-4	OK	PAGE 180
16.0	16284	1.32	87.5	40.0	--	NB311R3	200L-4	OK	PAGE 160
16.4	15896	1.76	85.4	40.0	--	NB313R3	200L-4	OK	PAGE 170
17.7	14747	3.42	79	30.0	NB316L3	--	200L-4	OK	PAGE 190
18.1	14420	3.42	77.4	30.0	NB315L3	--	200L-4	OK	PAGE 180
20.5	12689	1.47	68.1	40.0	--	NB311R3	200L-4	OK	PAGE 160
20.8	12563	3.42	67.5	30.0	NB315L3	--	200L-4	OK	PAGE 180
21.0	12407	1.76	66.6	40.0	--	NB313R3	200L-4	OK	PAGE 170
22.7	11492	3.42	62	30.0	NB316L3	--	200L-4	OK	PAGE 190
23.6	11032	3.42	59.2	30.0	NB315L3	--	200L-4	OK	PAGE 180
26.4	9887	1.76	53.1	40.0	--	NB311R3	200L-4	OK	PAGE 160
27.0	9667	2.05	51.9	40.0	--	NB313R3	200L-4	OK	PAGE 170
29.0	9299	1.52	48.3	22.0	NB310L2	--	200L-4	NO !	PAGE 150
33.0	8171	0.91	42.5	18.0	NB307L2	--	200L-4	NO !	PAGE 130
33.0	8171	1.19	42.5	18.0	NB309L2	--	200L-4	NO !	PAGE 140
35.5	7588	1.82	39.4	22.0	NB310L2	--	200L-4	NO !	PAGE 150
36.1	7467	2.65	38.8	25.0	NB311L2	--	200L-4	NO !	PAGE 160
39.1	6885	1.05	35.8	18.0	NB307L2	--	200L-4	NO !	PAGE 130
39.1	6885	1.62	35.8	18.0	NB309L2	--	200L-4	NO !	PAGE 140
41.6	6480	2.15	33.7	22.0	NB310L2	--	200L-4	NO !	PAGE 150
42.8	6292	2.98	32.7	25.0	NB311L2	--	200L-4	NO !	PAGE 160
43.5	5998	0.88	32.2	20.0	--	NB307R3	200L-4	NO !	PAGE 130
47.9	5626	1.28	29.3	18.0	NB307L2	--	200L-4	NO !	PAGE 130
47.9	5626	1.70	29.3	18.0	NB309L2	--	200L-4	NO !	PAGE 140
48.4	5564	2.32	28.9	22.0	NB310L2	--	200L-4	NO !	PAGE 150
50.8	5301	3.31	27.6	25.0	NB311L2	--	200L-4	NO !	PAGE 160
53.3	5049	1.42	26.3	18.0	NB307L2	--	200L-4	NO !	PAGE 130
53.3	5049	1.70	26.3	18.0	NB309L2	--	200L-4	NO !	PAGE 140
56.7	4752	2.48	24.7	22.0	NB310L2	--	200L-4	NO !	PAGE 150
59.4	4537	1.19	23.6	35.0	--	NB307R2	200L-4	OK	PAGE 130

NB300 series gear motor

**P1=30KW      n1=1400 min<sup>-1</sup>**

<b>n<sub>2</sub></b> (min <sup>-1</sup> )	<b>M<sub>2</sub></b> (N.m)	<b>S</b>	<b>I</b> <b>1:</b>	<b>P<sub>t</sub></b> (KW)			IEC Motor type	Check Thermal Power Pt >= P1	Dimension Page Number
59.4	4537	1.28	23.6	35.0	--	NB309R2	200L-4	OK	PAGE 140
60.6	4443	3.31	23.1	25.0	NB311L2	--	200L-4	NO !	PAGE 160
63.6	4232	1.56	22.0	18.0	NB307L2	--	200L-4	NO !	PAGE 130
63.6	4232	1.70	22.0	18.0	NB309L2	--	200L-4	NO !	PAGE 140
66.8	4030	2.65	21.0	22.0	NB310L2	--	200L-4	NO !	PAGE 150
70.4	3823	1.28	19.9	35.0	--	NB307R2	200L-4	OK	PAGE 130
70.4	3823	1.28	19.9	35.0	--	NB309R2	200L-4	OK	PAGE 140
75.8	3555	1.70	18.5	18.0	NB307L2	--	200L-4	NO !	PAGE 130
75.8	3555	1.70	18.5	18.0	NB309L2	--	200L-4	NO !	PAGE 140
77.8	3462	3.31	18.0	25.0	NB311L2	--	200L-4	NO !	PAGE 160
79.5	3385	2.98	17.6	22.0	NB310L2	--	200L-4	NO !	PAGE 150
84.0	3204	1.42	16.7	35.0	--	NB307R2	200L-4	OK	PAGE 130
84.0	3204	1.42	16.7	35.0	--	NB309R2	200L-4	OK	PAGE 140
86.8	3103	1.70	16.1	18.0	NB307L2	--	200L-4	NO !	PAGE 130
86.8	3103	1.70	16.1	18.0	NB307L2	--	200L-4	NO !	PAGE 130
86.8	3103	1.70	16.1	18.0	NB309L2	--	200L-4	NO !	PAGE 140
99.8	2698	3.31	14.0	25.0	NB311L2	--	200L-4	NO !	PAGE 160
108	2497	1.70	13.0	35.0	--	NB307R2	200L-4	OK	PAGE 130
108	2497	1.70	13.0	35.0	--	NB307R2	200L-4	OK	PAGE 130
108	2497	1.70	13.0	35.0	--	NB307R2	200L-4	OK	PAGE 130
108	2497	1.70	13.0	35.0	--	NB307R2	200L-4	OK	PAGE 130
108	2497	1.70	13.0	35.0	--	NB309R2	200L-4	OK	PAGE 140
111	2418	1.70	12.6	18.0	NB307L2	--	200L-4	NO !	PAGE 130
111	2418	1.70	12.6	18.0	NB309L2	--	200L-4	NO !	PAGE 140
225	1237	3.21	6.2	22.0	NB307L1	--	200L-4	NO !	PAGE 130
267	1042	3.21	5.3	22.0	NB307L1	--	200L-4	NO !	PAGE 130
318	873	3.21	4.4	22.0	NB307L1	--	200L-4	NO !	PAGE 130
408	681	3.21	3.4	22.0	NB307L1	--	200L-4	NO !	PAGE 130