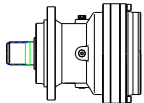
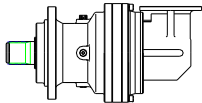


# NB300 series gear motor

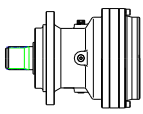
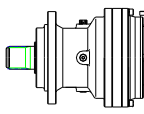
**P1=11KW**

**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
1.0	91752	1.28	1390	18.0	NB316L4	--	160M-4	OK	PAGE 190
1.1	81141	0.87	1229	18.0	NB315L4	--	160M-4	OK	PAGE 180

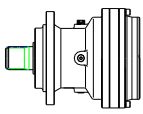
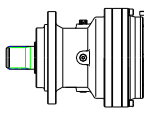
## NB300 series gear motor

P1=11KW n1=1400 min<sup>-1</sup>

n <sub>2</sub> (min <sup>-1</sup> )	M <sub>2</sub> (N.m)	S	I 1:	P <sub>t</sub> (KW)			IEC Motor type	Check Thermal Power Pt >= P1	Dimension Page Number
1.2	77310	1.49	1171	18.0	NB316L4	--	160M-4	OK	PAGE 190
1.4	68369	1.16	1036	18.0	NB315L4	--	160M-4	OK	PAGE 180
1.4	64793	1.82	981	18.0	NB316L4	--	160M-4	OK	PAGE 190
1.6	57300	1.45	868	18.0	NB315L4	--	160M-4	OK	PAGE 180
1.7	54594	2.07	827	18.0	NB316L4	--	160M-4	OK	PAGE 190
1.8	50966	1.32	772	40.0	--	NB315R4	160M-4	OK	PAGE 180
1.8	50944	2.31	772	45.0	--	NB316R4	160M-4	OK	PAGE 190
2.1	44611	2.48	676	18.0	NB316L4	--	160M-4	OK	PAGE 190
2.1	43678	0.91	662	22.0	--	NB313R4	160M-4	OK	PAGE 170
2.2	42948	1.03	650	11.0	NB313L4	--	160M-4	OK	PAGE 170
2.2	42944	1.74	650	40.0	--	NB315R4	160M-4	OK	PAGE 180
2.2	42925	2.73	650	45.0	--	NB316R4	160M-4	OK	PAGE 190
2.2	42020	1.90	636	18.0	NB315L4	--	160M-4	OK	PAGE 180
2.3	40036	2.81	606	18.0	NB316L4	--	160M-4	OK	PAGE 190
2.5	36956	0.93	560	11.0	NB311L4	--	160M-4	OK	PAGE 160
2.5	36836	1.24	558	22.0	--	NB313R4	160M-4	OK	PAGE 170
2.6	36076	1.24	546	11.0	NB313L4	--	160M-4	OK	PAGE 170
2.6	35975	3.31	545	45.0	--	NB316R4	160M-4	OK	PAGE 190
2.6	35886	2.15	544	18.0	NB315L4	--	160M-4	OK	PAGE 180
2.6	35039	1.90	531	40.0	--	NB315R4	160M-4	OK	PAGE 180
2.8	33554	3.31	508	18.0	NB316L4	--	160M-4	OK	PAGE 190
3.0	31038	1.45	470	22.0	--	NB313R4	160M-4	OK	PAGE 170
3.0	30496	2.15	462	40.0	--	NB315R4	160M-4	OK	PAGE 180
3.0	30434	2.48	461	18.0	NB315L4	--	160M-4	OK	PAGE 180
3.1	30188	1.10	457	22.0	--	NB311R4	160M-4	OK	PAGE 160
3.2	28797	1.16	436	11.0	NB311L4	--	160M-4	OK	PAGE 160
3.3	28157	1.82	426	11.0	NB313L4	--	160M-4	OK	PAGE 170
3.6	25695	2.64	389	40.0	--	NB315R4	160M-4	OK	PAGE 180
3.6	25565	2.89	387	18.0	NB315L4	--	160M-4	OK	PAGE 180
3.6	25436	1.28	385	22.0	--	NB311R4	160M-4	OK	PAGE 160
3.6	25362	1.74	384	22.0	--	NB313R4	160M-4	OK	PAGE 170
3.8	24472	0.84	371	14.0	--	NB310R4	160M-4	OK	PAGE 150
4.1	22761	1.90	345	22.0	--	NB313R4	160M-4	OK	PAGE 170
4.2	22184	1.49	336	11.0	NB311L4	--	160M-4	OK	PAGE 160
4.3	21691	0.99	329	11.0	NB310L4	--	160M-4	OK	PAGE 150
4.3	21691	2.31	329	11.0	NB313L4	--	160M-4	OK	PAGE 170
4.3	21535	3.55	326	40.0	--	NB315R4	160M-4	OK	PAGE 180
4.4	20900	0.95	317	14.0	--	NB310R4	160M-4	OK	PAGE 150
4.4	20785	1.54	315	22.0	--	NB311R4	160M-4	OK	PAGE 160
4.6	20567	2.98	301	30.0	NB315L3	--	160M-4	OK	PAGE 180
4.8	19076	2.23	289	22.0	--	NB313R4	160M-4	OK	PAGE 170
4.9	18928	1.74	287	11.0	NB311L4	--	160M-4	OK	PAGE 160
5.0	18653	1.69	283	22.0	--	NB311R4	160M-4	OK	PAGE 160
5.0	18477	2.48	280	11.0	NB313L4	--	160M-4	OK	PAGE 170
5.2	18364	0.92	269	18.0	NB310L3	--	160M-4	OK	PAGE 150
5.2	17724	1.07	268	14.0	--	NB310R4	160M-4	OK	PAGE 150
5.3	18072	1.28	265	18.0	NB311L3	--	160M-4	OK	PAGE 160
5.4	17626	2.48	258	18.0	NB313L3	--	160M-4	OK	PAGE 170
5.5	16894	1.90	256	11.0	NB311L4	--	160M-4	OK	PAGE 160
5.6	16519	2.48	250	11.0	NB313L4	--	160M-4	OK	PAGE 170
5.8	16024	2.56	243	22.0	--	NB313R4	160M-4	OK	PAGE 170

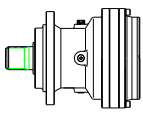
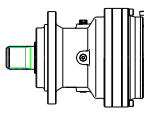
## NB300 series gear motor

P1=11KW n1=1400 min<sup>-1</sup>

n <sub>2</sub> (min <sup>-1</sup> )	M <sub>2</sub> (N.m)	S	I 1:	P <sub>t</sub> (KW)			IEC Motor type	Check Thermal Power Pt >= P1	Dimension Page Number
5.9	15633	1.90	237	22.0	--	NB311R4	160M-4	OK	PAGE 160
6.2	14889	1.24	226	14.0	--	NB310R4	160M-4	OK	PAGE 150
6.3	15228	1.76	223	18.0	NB311L3	--	160M-4	OK	PAGE 160
6.4	15006	1.12	220	18.0	NB310L3	--	160M-4	OK	PAGE 150
6.4	14430	0.99	219	14.0	--	NB309R4	160M-4	OK	PAGE 140
6.4	14865	2.88	218	18.0	NB313L3	--	160M-4	OK	PAGE 170
6.6	13989	2.89	212	22.0	--	NB313R4	160M-4	OK	PAGE 170
6.6	14379	1.04	211	11.0	NB309L3	--	160M-4	OK	PAGE 140
7.0	13132	2.15	199	22.0	--	NB311R4	160M-4	OK	PAGE 160
7.1	13467	1.52	197	18.0	NB310L3	--	160M-4	OK	PAGE 150
7.4	12506	1.40	189	14.0	--	NB310R4	160M-4	OK	PAGE 150
7.4	12506	2.89	189	22.0	--	NB313R4	160M-4	OK	PAGE 170
7.4	12831	2.00	188	18.0	NB311L3	--	160M-4	OK	PAGE 160
7.6	12525	3.20	183	18.0	NB313L3	--	160M-4	OK	PAGE 170
8.1	11464	2.40	174	22.0	--	NB311R4	160M-4	OK	PAGE 160
8.3	11521	1.28	169	11.0	NB309L3	--	160M-4	OK	PAGE 140
8.3	11117	1.24	168	14.0	--	NB309R4	160M-4	OK	PAGE 140
8.5	10918	2.89	165	22.0	--	NB313R4	160M-4	OK	PAGE 170
8.7	11004	1.76	161	18.0	NB310L3	--	160M-4	OK	PAGE 150
9.0	10232	2.64	155	22.0	--	NB311R4	160M-4	OK	PAGE 160
9.1	10485	2.24	154	18.0	NB311L3	--	160M-4	OK	PAGE 160
9.2	10340	0.94	151	11.0	NB307L3	--	160M-4	OK	PAGE 130
9.2	10340	1.36	151	11.0	NB309L3	--	160M-4	OK	PAGE 140
9.3	10235	3.60	150	18.0	NB313L3	--	160M-4	OK	PAGE 170
9.6	9588	1.74	145	14.0	--	NB310R4	160M-4	OK	PAGE 150
9.7	9876	1.92	145	18.0	NB310L3	--	160M-4	OK	PAGE 150
9.8	9787	3.20	143	40.0	--	NB313R3	160M-4	OK	PAGE 170
10.2	9409	2.40	138	18.0	NB311L3	--	160M-4	OK	PAGE 160
10.9	8508	2.89	129	22.0	--	NB313R4	160M-4	OK	PAGE 170
10.9	8466	1.28	128	14.0	--	NB309R4	160M-4	OK	PAGE 140
11.0	8666	1.12	127	11.0	NB307L3	--	160M-4	OK	PAGE 130
11.0	8666	1.60	127	11.0	NB309L3	--	160M-4	OK	PAGE 140
11.3	8459	1.60	124	20.0	--	NB310R3	160M-4	OK	PAGE 150
11.3	8455	2.80	124	40.0	--	NB311R3	160M-4	OK	PAGE 160
11.3	8434	2.24	124	18.0	NB310L3	--	160M-4	OK	PAGE 150
11.5	8063	0.93	122	12.0	--	NB306R4	160M-4	OK	PAGE 120
11.6	8254	3.60	121	40.0	--	NB313R3	160M-4	OK	PAGE 170
12.1	7886	2.80	116	18.0	NB311L3	--	160M-4	OK	PAGE 160
12.5	7391	0.99	112	14.0	--	NB307R4	160M-4	OK	PAGE 130
12.9	7433	0.96	109	20.0	--	NB307R3	160M-4	OK	PAGE 130
12.9	7433	1.28	109	20.0	--	NB309R3	160M-4	OK	PAGE 140
13.1	7279	1.28	107	11.0	NB307L3	--	160M-4	OK	PAGE 130
13.1	7279	1.84	107	11.0	NB309L3	--	160M-4	OK	PAGE 140
13.4	7153	2.56	105	18.0	NB310L3	--	160M-4	OK	PAGE 150
13.4	7124	3.20	104	40.0	--	NB311R3	160M-4	OK	PAGE 160
13.8	6933	0.88	102	7.5	NB306L3	--	160M-4	NO !	PAGE 120
13.8	6902	1.92	101	20.0	--	NB310R3	160M-4	OK	PAGE 150
14.4	6624	3.04	97.0	18.0	NB311L3	--	160M-4	OK	PAGE 160
15.0	6181	1.16	93.6	12.0	--	NB306R4	160M-4	OK	PAGE 120
15.3	6263	1.20	91.7	20.0	--	NB307R3	160M-4	OK	PAGE 130
15.3	6263	1.44	91.7	20.0	--	NB309R3	160M-4	OK	PAGE 140

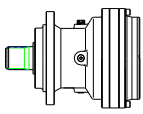
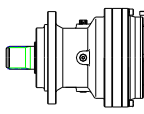
## NB300 series gear motor

**P1=11KW      n1=1400 min<sup>-1</sup>**

n <sub>2</sub> (min <sup>-1</sup> )	M <sub>2</sub> (N.m)	S	I 1:	P <sub>t</sub> (KW)			IEC Motor type	Check Thermal Power Pt >= P1	Dimension Page Number
15.9	6008	2.96	88.0	18.0	NB310L3	--	160M-4	OK	PAGE 150
16.2	5894	2.16	86.3	20.0	--	NB310R3	160M-4	OK	PAGE 150
16.5	5783	3.36	84.7	18.0	NB311L3	--	160M-4	OK	PAGE 160
17.0	5608	1.60	82.1	11.0	NB307L3	--	160M-4	OK	PAGE 130
17.0	5608	2.24	82.1	11.0	NB309L3	--	160M-4	OK	PAGE 140
17.3	5521	1.04	80.9	14.0	--	NB306R3	160M-4	OK	PAGE 120
17.9	5341	1.04	78.2	7.5	NB306L3	--	160M-4	NO !	PAGE 120
18.7	5117	1.44	75.0	20.0	--	NB307R3	160M-4	OK	PAGE 130
18.7	5117	1.60	75.0	20.0	--	NB309R3	160M-4	OK	PAGE 140
18.9	5061	2.64	74.1	20.0	--	NB310R3	160M-4	OK	PAGE 150
18.9	5047	3.36	73.9	18.0	NB310L3	--	160M-4	OK	PAGE 150
20.8	4593	1.60	67.3	20.0	--	NB307R3	160M-4	OK	PAGE 130
20.8	4593	1.76	67.3	20.0	--	NB309R3	160M-4	OK	PAGE 140
21.2	4512	1.20	66.1	14.0	--	NB306R3	160M-4	OK	PAGE 120
22.1	4322	2.96	63.3	20.0	--	NB310R3	160M-4	OK	PAGE 150
22.4	4270	2.00	62.5	11.0	NB307L3	--	160M-4	OK	PAGE 130
22.4	4270	2.64	62.5	11.0	NB309L3	--	160M-4	OK	PAGE 140
23.5	4067	1.32	59.6	7.5	NB306L3	--	160M-4	NO !	PAGE 120
23.6	4049	1.32	59.3	14.0	--	NB306R3	160M-4	OK	PAGE 120
24.8	3849	1.60	56.4	20.0	--	NB309R3	160M-4	OK	PAGE 140
24.8	3849	1.76	56.4	20.0	--	NB307R3	160M-4	OK	PAGE 130
25.6	3728	2.24	54.6	11.0	NB307L3	--	160M-4	OK	PAGE 130
25.6	3728	2.88	54.6	11.0	NB309L3	--	160M-4	OK	PAGE 140
26.1	3666	3.28	53.7	20.0	--	NB310R3	160M-4	OK	PAGE 150
27.1	3527	0.96	51.7	14.0	--	NB305R3	160M-4	OK	PAGE 110
27.6	3458	1.52	50.6	14.0	--	NB306R3	160M-4	OK	PAGE 120
28.2	3391	0.96	49.7	14.0	--	NB305R3	160M-4	OK	PAGE 110
29.0	3410	1.24	48.3	13.0	NB306L2	--	160M-4	OK	PAGE 120
29.1	3285	0.96	48.1	7.5	NB305L3	--	160M-4	NO !	PAGE 110
29.6	3233	1.60	47.4	20.0	--	NB309R3	160M-4	OK	PAGE 140
29.6	3233	2.00	47.4	20.0	--	NB307R3	160M-4	OK	PAGE 130
30.7	3118	1.68	45.7	7.5	NB306L3	--	160M-4	NO !	PAGE 120
31.0	3079	3.60	45.1	20.0	--	NB310R3	160M-4	OK	PAGE 150
32.6	2933	1.84	43.0	14.0	--	NB306R3	160M-4	OK	PAGE 120
32.9	2905	3.36	42.5	11.0	NB309L3	--	160M-4	OK	PAGE 140
33.0	2996	2.48	42.5	18.0	NB307L2	--	160M-4	OK	PAGE 130
33.0	2996	3.25	42.5	18.0	NB309L2	--	160M-4	OK	PAGE 140
33.9	2823	1.76	41.3	20.0	--	NB309R3	160M-4	OK	PAGE 140
34.9	2829	1.16	40.1	9.0	NB305L2	--	160M-4	NO !	PAGE 110
35.3	2704	3.60	39.6	20.0	--	NB310R3	160M-4	OK	PAGE 150
35.5	2782	1.70	39.4	13.0	NB306L2	--	160M-4	OK	PAGE 120
36.6	2613	0.99	38.3	14.0	--	NB303R3	160M-4	OK	PAGE 100
36.6	2613	1.12	38.3	14.0	--	NB305R3	160M-4	OK	PAGE 110
38.8	2463	2.16	36.1	14.0	--	NB306R3	160M-4	OK	PAGE 120
39.1	2525	2.86	35.8	18.0	NB307L2	--	160M-4	OK	PAGE 130
43.4	2273	1.86	32.2	13.0	NB306L2	--	160M-4	OK	PAGE 120
43.5	2199	2.00	32.2	20.0	--	NB309R3	160M-4	OK	PAGE 140
43.5	2199	2.40	32.2	20.0	--	NB307R3	160M-4	OK	PAGE 130
43.6	2267	1.39	32.1	9.0	NB305L2	--	160M-4	NO !	PAGE 110
46.7	2116	0.89	30.0	9.0	NB303L2	--	160M-4	NO !	PAGE 100
46.7	2116	1.51	30.0	9.0	NB305L2	--	160M-4	NO !	PAGE 110

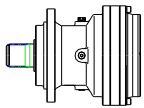
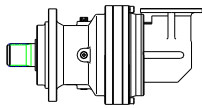
## NB300 series gear motor

P1=11KW n1=1400 min<sup>-1</sup>

n <sub>2</sub> (min <sup>-1</sup> )	M <sub>2</sub> (N.m)	S	I 1:	P <sub>t</sub> (KW)			IEC Motor type	Check Thermal Power Pt >= P1	Dimension Page Number
47.9	2063	3.48	29.3	18.0	NB307L2	--	160M-4	OK	PAGE 130
48.0	1990	1.20	29.1	14.0	--	NB305R3	160M-4	OK	PAGE 110
48.0	1990	1.22	29.1	14.0	--	NB303R3	160M-4	OK	PAGE 100
48.4	2040	2.01	28.9	13.0	NB306L2	--	160M-4	OK	PAGE 120
48.5	2034	0.93	28.8	9.0	NB303L2	--	160M-4	NO !	PAGE 100
48.5	2034	1.55	28.8	9.0	NB305L2	--	160M-4	NO !	PAGE 110
50.6	1889	2.80	27.7	14.0	--	NB306R3	160M-4	OK	PAGE 120
55.0	1737	1.04	25.4	14.0	--	NB305R3	160M-4	OK	PAGE 110
55.0	1737	1.14	25.4	14.0	--	NB303R3	160M-4	OK	PAGE 100
55.6	1777	1.01	25.2	9.0	NB303L2	--	160M-4	NO !	PAGE 100
55.6	1777	1.70	25.2	9.0	NB305L2	--	160M-4	NO !	PAGE 110
56.7	1742	2.32	24.7	13.0	NB306L2	--	160M-4	OK	PAGE 120
57.8	1709	1.01	24.2	9.0	NB303L2	--	160M-4	NO !	PAGE 100
57.8	1709	1.70	24.2	9.0	NB305L2	--	160M-4	NO !	PAGE 110
59.4	1664	3.25	23.6	35.0	--	NB307R2	160M-4	OK	PAGE 130
59.4	1664	3.48	23.6	35.0	--	NB309R2	160M-4	OK	PAGE 140
66.8	1478	3.09	21.0	13.0	NB306L2	--	160M-4	OK	PAGE 120
70.4	1402	3.48	19.9	35.0	--	NB309R2	160M-4	OK	PAGE 140
75.0	1316	1.32	18.7	9.0	NB303L2	--	160M-4	NO !	PAGE 100
75.0	1316	1.93	18.7	9.0	NB305L2	--	160M-4	NO !	PAGE 110
77.0	1281	2.71	18.2	18.0	--	NB306R2	160M-4	OK	PAGE 120
79.5	1241	3.09	17.6	13.0	NB306L2	--	160M-4	OK	PAGE 120
80.1	1232	1.11	17.5	18.0	--	NB303R2	160M-4	OK	PAGE 100
80.1	1232	1.11	17.5	18.0	--	NB305R2	160M-4	OK	PAGE 110
93.1	1061	0.93	15.0	7.5	NB301L2	--	160M-4	NO !	PAGE 90
94.4	1046	2.71	14.8	18.0	--	NB306R2	160M-4	OK	PAGE 120
94.9	1041	0.85	14.8	12.0	--	NB301R2	160M-4	OK	PAGE 90
98.1	1007	1.46	14.3	18.0	--	NB303R2	160M-4	OK	PAGE 100
98.1	1007	1.46	14.3	18.0	--	NB305R2	160M-4	OK	PAGE 110
98.5	1003	1.70	14.2	9.0	NB303L2	--	160M-4	NO !	PAGE 100
98.5	1003	2.32	14.2	9.0	NB305L2	--	160M-4	NO !	PAGE 110
104	952	3.09	13.5	13.0	NB306L2	--	160M-4	OK	PAGE 120
109	904	2.09	12.8	18.0	--	NB303R2	160M-4	OK	PAGE 100
109	904	2.09	12.8	18.0	--	NB305R2	160M-4	OK	PAGE 110
111	893	2.71	12.7	18.0	--	NB306R2	160M-4	OK	PAGE 120
113	875	1.93	12.4	9.0	NB303L2	--	160M-4	NO !	PAGE 100
113	875	2.32	12.4	9.0	NB305L2	--	160M-4	NO !	PAGE 110
118	834	1.08	11.8	12.0	--	NB301R2	160M-4	OK	PAGE 90
122	808	1.16	11.5	7.5	NB301L2	--	160M-4	NO !	PAGE 90
130	759	2.71	10.8	18.0	--	NB303R2	160M-4	OK	PAGE 100
130	759	2.71	10.8	18.0	--	NB305R2	160M-4	OK	PAGE 110
130	757	2.71	10.7	18.0	--	NB306R2	160M-4	OK	PAGE 120
148	665	2.71	9.4	18.0	--	NB306R2	160M-4	OK	PAGE 120
149	663	2.71	9.4	18.0	--	NB303R2	160M-4	OK	PAGE 100
149	663	2.71	9.4	18.0	--	NB305R2	160M-4	OK	PAGE 110
154	643	1.16	9.1	12.0	--	NB301R2	160M-4	OK	PAGE 90
194	524	1.35	7.2	7.5	NB301L1	--	160M-4	NO !	PAGE 90
202	489	1.16	6.9	12.0	--	NB301R2	160M-4	OK	PAGE 90
205	496	2.70	6.8	11.0	NB303L1	--	160M-4	OK	PAGE 100
243	420	1.12	5.8	7.5	NB300L1	--	160M-4	NO !	PAGE 80
243	420	2.10	5.8	7.5	NB301L1	--	160M-4	NO !	PAGE 90

NB300 series gear motor

**P1=11KW      n1=1400 min<sup>-1</sup>**

n <sub>2</sub> (min <sup>-1</sup> )	M <sub>2</sub> (N.m)	S	I 1:	P <sub>t</sub> (KW)			IEC Motor type	Check Thermal	Dimension
								Power Pt >= P1	Page Number
251	405	3.00	5.6	11.0	NB303L1	--	160M-4	OK	PAGE 100
280	364	3.00	5.0	11.0	NB303L1	--	160M-4	OK	PAGE 100
280	364	3.00	5.0	11.0	NB303L1	--	160M-4	OK	PAGE 100
315	323	1.50	4.4	7.5	NB300L1	--	160M-4	NO !	PAGE 80
315	323	2.25	4.4	7.5	NB301L1	--	160M-4	NO !	PAGE 90
333	306	3.00	4.2	11.0	NB303L1	--	160M-4	OK	PAGE 100
382	267	3.00	3.7	11.0	NB303L1	--	160M-4	OK	PAGE 100
414	246	1.50	3.4	7.5	NB300L1	--	160M-4	NO !	PAGE 80
414	246	2.25	3.4	7.5	NB301L1	--	160M-4	NO !	PAGE 90