



2.6 Prestazioni riduttori AR

2.6 AR gearboxes performances

2.6 Leistungen der AR-Getriebe

AM 25/2



1.8

ir	$n_1 = 2800 \text{ min}^{-1}$				$n_1 = 1400 \text{ min}^{-1}$				$n_1 = 900 \text{ min}^{-1}$				$n_1 = 500 \text{ min}^{-1}$				IEC
	n_2	T_{2M}	P	RD	n_2	T_{2M}	P	RD	n_2	T_{2M}	P	RD	n_2	T_{2M}	P	RD	
	min^{-1}	Nm	kW	%	min^{-1}	Nm	kW	%	min^{-1}	Nm	kW	%	min^{-1}	Nm	kW	%	
3.4	819	12	1.1	95	409	12	0.55	95	263	13	0.38	95	146	16	0.26	95	56 (B5 - B14) 63 (B5 - B14)
3.9	716	12.2	0.96	95	358	12.2	0.48	95	230	13	0.33	95	128	16	0.23	95	
4.8	579	12.2	0.78	95	289	12.2	0.39	95	186	13	0.27	95	103	16	0.18	95	
5.6	498	12.2	0.67	95	249	12.2	0.33	95	160	13	0.23	95	89	16	0.16	95	
7.2	389	12.2	0.52	95	194	12.2	0.26	95	125	13	0.18	95	69	16	0.12	95	
8.7	324	12.2	0.44	95	162	12.2	0.22	95	104	13	0.15	95	58	16	0.10	95	
9.0	310	12.2	0.42	95	155	14	0.24	95	100	14	0.15	95	55	14	0.09	95	
10.5	267	13	0.38	95	133	14	0.21	95	86	14	0.13	95	48	14	0.07	95	
13.4	208	13	0.30	95	104	15	0.17	95	67	15	0.11	95	37	15	0.06	95	
16.2	173	13	0.25	95	87	15	0.14	95	56	15	0.09	95	31	15	0.05	95	
17.9	157	14	0.24	95	78	15	0.13	95	50	15	0.08	95	28	15	0.05	95	

AM 25/3



1.8

ir	$n_1 = 2800 \text{ min}^{-1}$				$n_1 = 1400 \text{ min}^{-1}$				$n_1 = 900 \text{ min}^{-1}$				$n_1 = 500 \text{ min}^{-1}$				IEC
	n_2	T_{2M}	P	RD	n_2	T_{2M}	P	RD	n_2	T_{2M}	P	RD	n_2	T_{2M}	P	RD	
	min^{-1}	Nm	kW	%	min^{-1}	Nm	kW	%	min^{-1}	Nm	kW	%	min^{-1}	Nm	kW	%	
18.9	148	15	0.25	93	74	19	0.16	93	48	22	0.12	93	26	22	0.07	93	56 (B5 - B14) 63 (B5 - B14)
23.4	120	15	0.20	93	60	19	0.13	93	38	22	0.10	93	21	22	0.05	93	
27.2	103	15	0.17	93	51	20	0.12	93	33	22	0.08	93	18	22	0.05	93	
31.9	88	18	0.18	93	44	17	0.08	93	28	17	0.05	93	16	17	0.03	93	
35.3	79	15	0.13	93	40	17	0.08	93	25	17	0.05	93	14	17	0.03	93	
41.8	67	18	0.14	93	33	22	0.08	93	22	22	0.05	93	12	22	0.03	93	
50.7	55	16	0.10	93	28	18	0.06	93	18	18	0.04	93	10	18	0.02	93	
59.6	47	17	0.09	93	23	19	0.05	93	15	19	0.03	93	8	19	0.02	93	
64.9	43	17	0.08	93	22	19	0.05	93	14	19	0.03	93	8	19	0.02	93	
78	36	17	0.07	93	18	20	0.04	93	12	20	0.03	93	6	20	0.01	93	
86.2	32	18	0.07	93	16	20	0.04	93	10	20	0.02	93	6	20	0.01	93	

N.B. Il riduttore grandezza 25 viene fornito esclusivamente nella configurazione motoriduttore o riduttore predisposto IEC.

NOTE. The gearbox size 25 is supplied only in the configuration gearmotor or gearbox arranged for the IEC motor connection.

HINWEIS. Das Getriebe der Größe 25 wird ausschließlich in der Konfiguration Getriebe-motor oder Getriebe mit IEC-Motoranschluß geliefert.



2.6 Prestazioni riduttori AR

2.6 AR gearboxes performances

2.6 Leistungen der AR-Getriebe

AR 32/1



2.1

ir	n ₁ = 2800 min ⁻¹				n ₁ = 1400 min ⁻¹				n ₁ = 900 min ⁻¹				n ₁ = 500 min ⁻¹				IEC
	n ₂	T _{2M}	P	RD	n ₂	T _{2M}	P	RD	n ₂	T _{2M}	P	RD	n ₂	T _{2M}	P	RD	
	min ⁻¹	Nm	kW	%	min ⁻¹	Nm	kW	%	min ⁻¹	Nm	kW	%	min ⁻¹	Nm	kW	%	
1.8	1585	14.5	2.5	97	792	21.7	1.9	97	509	21.8	1.2	97	283	21.8	0.7	97	80 * (B5 - B14)
2.1	1350	14.9	2.2	97	675	22.6	1.7	97	434	22.7	1.1	97	241	22.8	0.6	97	
2.5	1139	16.1	2.0	97	569	23.7	1.5	97	366	23.8	0.9	97	203	23.8	0.5	97	
3.0	948	17.4	1.8	97	474	25.0	1.3	97	305	25.1	0.8	97	169	25.1	0.5	97	
3.4	831	17.6	1.6	97	416	25.9	1.2	97	267	25.9	0.7	97	148	25.9	0.4	97	
3.9	721	17.8	1.4	97	361	25.8	1.0	97	232	26.0	0.7	97	129	26.0	0.4	97	
4.5	618	17.8	1.2	97	309	26.5	0.9	97	199	26.5	0.6	97	110	26.5	0.3	97	
5.3	528	19.1	1.1	97	264	26.8	0.8	97	170	26.8	0.5	97	94	26.9	0.3	97	
6.5	434	16.9	0.8	97	217	20.9	0.5	97	139	22.3	0.3	97	77	24.3	0.2	97	
																	63 (B5 - B14)
																	56 (B5)

AM 35/2



2.2

ir	n ₁ = 2800 min ⁻¹				n ₁ = 1400 min ⁻¹				n ₁ = 900 min ⁻¹				n ₁ = 500 min ⁻¹				IEC
	n ₂	T _{2M}	P	RD	n ₂	T _{2M}	P	RD	n ₂	T _{2M}	P	RD	n ₂	T _{2M}	P	RD	
	min ⁻¹	Nm	kW	%	min ⁻¹	Nm	kW	%	min ⁻¹	Nm	kW	%	min ⁻¹	Nm	kW	%	
3.4	822	32	2,85	95	411	35	1,58	95	264	39	1,12	95	147	42	0,68	95	80 (B5 - B14)
4.0	696	34	2,62	95	348	38	1,45	95	224	42	1,03	95	124	46	0,63	95	
4.7	596	36	2,36	95	298	40	1,31	95	192	44	0,93	95	106	48	0,57	95	
5.4	517	36	2,05	95	259	40	1,14	95	166	44	0,80	95	92	48	0,49	95	
6.3	443	36	1,75	95	221	40	0,97	95	142	44	0,69	95	79	48	0,42	95	
7.3	381	41	1,70	95	191	45	0,94	95	123	50	0,67	95	68	54	0,41	95	
8.7	323	45	1,60	95	162	50	0,89	95	104	52	0,59	95	58	60	0,38	95	
10.1	277	45	1,37	95	138	50	0,76	95	89	53	0,52	95	49	60	0,33	95	
11.7	240	45	1,19	95	120	50	0,66	95	77	54	0,46	95	43	60	0,28	95	
13.6	205	45	1,02	95	103	50	0,56	95	66	55	0,40	95	37	60	0,24	95	
15.7	178	50	0,97	95	89	55	0,54	95	57	55	0,35	95	32	60	0,21	95	
18.1	154	50	0,84	95	77	55	0,47	95	50	55	0,30	95	28	60	0,18	95	
21.3	131	50	0,71	95	66	55	0,40	95	42	60	0,28	95	23	60	0,15	95	
25.2	111	51	0,63	95	56	57	0,35	95	36	60	0,24	95	20	60	0,13	95	
28.7	98	54	0,58	95	49	60	0,32	95	31	60	0,21	95	17	60	0,11	95	
33.4	84	45	0,42	95	42	50	0,23	95	27	50	0,15	95	15	50	0,08	95	
38.0	74	45	0,36	95	37	50	0,20	95	24	50	0,13	95	13	50	0,07	95	
45.1	62	45	0,31	95	31	50	0,17	95	20	50	0,11	95	11	50	0,06	95	
																	71 (B5 - B14)
																	63 (B5 - B14)

AM 35/3



3.3

ir	n ₁ = 2800 min ⁻¹				n ₁ = 1400 min ⁻¹				n ₁ = 900 min ⁻¹				n ₁ = 500 min ⁻¹				IEC
	n ₂	T _{2M}	P	RD	n ₂	T _{2M}	P	RD	n ₂	T _{2M}	P	RD	n ₂	T _{2M}	P	RD	
	min ⁻¹	Nm	kW	%	min ⁻¹	Nm	kW	%	min ⁻¹	Nm	kW	%	min ⁻¹	Nm	kW	%	
43.9	64	54	0,39	93	31,9	60	0,22	93	20,5	60	0,14	93	11,4	60	0,08	93	63 (B5 - B14)
50.6	55	54	0,34	93	27,7	60	0,19	93	17,8	60	0,12	93	9,9	60	0,07	93	
59.1	47	54	0,29	93	23,7	60	0,16	93	15,2	60	0,10	93	8,5	60	0,06	93	
68.1	41	54	0,25	93	20,5	60	0,14	93	13,2	60	0,09	93	7,3	60	0,05	93	
78.6	36	60	0,24	93	17,8	60	0,12	93	11,4	60	0,08	93	6,4	60	0,04	93	
92.4	30	60	0,20	93	15,1	60	0,10	93	9,7	60	0,07	93	5,4	60	0,04	93	
109.1	26	60	0,17	93	12,8	60	0,09	93	8,2	60	0,06	93	4,6	60	0,03	93	
124.3	23	60	0,15	93	11,3	60	0,08	93	7,2	60	0,05	93	4,0	60	0,03	93	
147.7	19	60	0,13	93	9,5	60	0,06	93	6,1	60	0,04	93	3,4	60	0,02	93	
164.7	17	50	0,10	93	8,5	50	0,05	93	5,5	50	0,03	93	3,0	50	0,02	93	
195.6	14	50	0,08	93	7,2	50	0,04	93	4,6	50	0,03	93	2,6	50	0,01	93	
																	56 (B5 - B14)

* Il PAM 80 B5 è disponibile solo con corpo flangiato

*The PAM 80 B5 is only available on housings with output flanges

*Der PAM 80 B5 ist nur auf Gehäuse mit Abtriebsflansch





2.6 Prestazioni riduttori AR

2.6 AR gearboxes performances

2.6 Leistungen der AR-Getriebe

AM 40/1



3.1

ir	$n_1 = 2800 \text{ min}^{-1}$				$n_1 = 1400 \text{ min}^{-1}$				$n_1 = 900 \text{ min}^{-1}$				$n_1 = 500 \text{ min}^{-1}$				IEC
	n_2	T_{2M}	P	RD	n_2	T_{2M}	P	RD	n_2	T_{2M}	P	RD	n_2	T_{2M}	P	RD	
	min^{-1}	Nm	kW	%	min^{-1}	Nm	kW	%	min^{-1}	Nm	kW	%	min^{-1}	Nm	kW	%	
1.2	2400	30	7.8	97	1200	30	3.9	97	771	30	2.5	97	429	30	1.4	97	100-112 (B5 - B14)
1.5	1847	35	7.0	97	923	35	3.5	97	594	35	2.2	97	330	35	1.2	97	
1.7	1655	40	7.1	97	827	40	3.6	97	532	40	2.3	97	295	40	1.3	97	
2.0	1430	45	6.9	97	715	45	3.5	97	460	45	2.2	97	255	45	1.2	97	
2.2	1257	50	6.8	97	629	50	3.4	97	404	50	2.2	97	224	50	1.2	97	
2.6	1098	50	5.9	97	549	50	3.0	97	353	50	1.9	97	196	50	1.1	97	
3.2	881	50	4.8	97	441	50	2.4	97	283	50	1.5	97	157	50	0.8	97	
3.7	750	50	4.0	97	375	50	2.0	97	241	50	1.3	97	134	50	0.7	97	
4.9	569	45	2.8	97	285	45	1.4	97	183	45	0.9	97	102	50	0.5	97	
5.7	494	40	2.1	97	247	40	1.1	97	159	42	0.7	97	88	45	0.4	97	
7.0	400	38	1.6	97	200	38	0.8	97	129	39	0.5	97	71	43	0.3	97	

AR 40/2



9.0

8.5	330	64	2.3	95	165	76	1.4	95	106	85	0.99	95	59	90	0.58	95	100 (B5 - B14)
9.7	290	66	2.1	95	145	78	1.2	95	93	87	0.89	95	52	90	0.51	95	
10.6	265	69	2.0	95	132	82	1.2	95	85	92	0.86	95	47	90	0.47	95	
12.0	233	71	1.8	95	116	84	1.1	95	75	94	0.78	95	42	101	0.46	95	
13.8	203	73	1.6	95	102	87	0.98	95	65	98	0.71	95	36	101	0.40	95	
16.2	173	76	1.4	95	87	90	0.86	95	56	101	0.62	95	31	101	0.34	95	
17.2	163	70	1.3	95	82	83	0.75	95	52	90	0.52	95	29	90	0.29	95	
20.2	139	72	1.1	95	69	85	0.65	95	45	90	0.44	95	25	90	0.25	95	
21.3	131	82	1.2	95	66	98	0.71	95	42	101	0.47	95	23	101	0.26	95	
24.6	114	95	1.2	95	57	101	0.63	95	37	101	0.41	95	20	101	0.23	95	
26.6	105	76	0.88	95	53	90	0.52	95	34	90	0.34	95	19	90	0.19	95	
30.6	92	76	0.77	95	46	90	0.45	95	29	90	0.29	95	16	90	0.16	95	

AR 40/3



9.0

29.1	96	88	0.95	93	48	105	0.57	93	31	105	0.37	93	17	105	0.20	93	80 (B5 - B14)
33.1	85	91	0.87	93	42	105	0.60	93	27	105	0.32	93	15	105	0.18	93	
36.3	77	84	0.73	93	39	94	0.41	93	25	94	0.26	93	14	89	0.15	93	
41.2	68	86	0.66	93	34	94	0.36	93	22	94	0.23	93	12	94	0.13	93	
46.7	60	99	0.67	93	30	105	0.36	93	19	105	0.23	93	11	105	0.13	93	
50.4	56	102	0.64	93	28	105	0.33	93	18	105	0.21	93	9.9	105	0.12	93	
54.3	52	105	0.61	93	26	105	0.31	93	17	105	0.20	93	9.2	105	0.11	93	
61.6	45	94	0.48	93	23	94	0.24	93	15	94	0.15	93	8.1	94	0.09	93	
70.9	39	105	0.47	93	20	105	0.23	93	13	105	0.15	93	7.0	105	0.08	93	
78.2	36	105	0.42	93	18	105	0.21	93	12	105	0.14	93	6.4	105	0.08	93	
93.4	30	105	0.35	93	15	105	0.18	93	9.6	105	0.11	93	5.4	105	0.06	93	
103.0	27	94	0.29	93	14	94	0.14	93	8.7	94	0.09	93	4.9	94	0.05	93	
115.2	24	105	0.29	93	12	105	0.14	93	7.8	105	0.09	93	4.3	105	0.05	93	
121.8	23	105	0.27	93	11	105	0.14	93	7.4	105	0.09	93	4.1	105	0.05	93	
151.7	18	94	0.20	93	9.2	94	0.10	93	5.9	94	0.06	93	3.3	94	0.03	93	
181.4	15	94	0.16	93	7.7	94	0.08	93	5.0	94	0.05	93	2.8	94	0.03	93	

N.B. Per i riduttori evidenziati dal doppio bordo nella colonna delle potenze è necessario verificare lo scambio termico del riduttore (come a pag. 6). Per maggiori informazioni contattare il nostro uff. tecnico.

NOTE. Pay attention please to the frame around the input power value: for this gearboxes it's important to check the thermal capacity (comp. p. 6). For details please contact our technical office.

HINWEIS. Für den Fall, daß die in den Tabellen angegebenen Nennleistungen eingerahmt sind, ist die thermische Leistungsgrenze der Getriebe zu beachten. (vgl. S.6). Für weitere Informationen wenden Sie sich bitte an unser technisches Büro.



2.6 Prestazioni riduttori AR

2.6 AR gearboxes performances

2.6 Leistungen der AR-Getriebe

AR 50/1																Kg	5.2		
ir	$n_1 = 2800 \text{ min}^{-1}$				$n_1 = 1400 \text{ min}^{-1}$				$n_1 = 900 \text{ min}^{-1}$				$n_1 = 500 \text{ min}^{-1}$					IEC	
	n_2	T_{2M}	P	RD	n_2	T_{2M}	P	RD	n_2	T_{2M}	P	RD	n_2	T_{2M}	P				RD
	min^{-1}	Nm	kW	%	min^{-1}	Nm	kW	%	min^{-1}	Nm	kW	%	min^{-1}	Nm	kW	%			
1.3	2240	55	13.3	97	1120	55	6.6	97	720	55	4.3	97	400	55	2.4	97	112 (B5 - B14)		
1.5	1830	63	12.4	97	915	63	6.2	97	588	63	4.0	97	327	63	2.2	97			
1.8	1547	80	13.4	97	773	80	6.7	97	497	80	4.3	97	276	80	2.4	97	100 (B5 - B14)		
2.0	1373	80	11.8	97	686	80	5.9	97	441	80	3.8	97	245	80	2.1	97			
2.5	1129	80	9.8	97	565	80	4.9	97	363	80	3.1	97	202	80	1.7	97	90 (B5 - B14)		
2.8	986	85	9.0	97	493	85	4.5	97	317	85	2.9	97	176	85	1.6	97			
3.1	915	90	8.9	97	458	90	4.5	97	294	90	2.9	97	163	90	1.6	97	80 (B5 - B14)		
3.3	851	90	8.3	97	426	90	4.1	97	274	90	2.7	97	152	90	1.5	97			
3.6	787	90	7.6	97	393	90	3.8	97	253	90	2.5	97	140	90	1.4	97	71 (B5)		
3.9	724	90	7.0	97	362	90	3.5	97	233	90	2.3	97	129	90	1.3	97			
5.1	551	72	4.3	97	276	75	2.2	97	177	75	1.4	97	98	80	0.8	97	63 (B5)		
5.8	480	63	3.3	97	240	65	1.7	97	154	65	1.1	97	86	73	0.7	97			
6.6	426	60	2.8	97	213	60	1.4	97	137	60	0.9	97	76	70	0.6	97			

AR 50/2																Kg	13		
ir	$n_1 = 2800 \text{ min}^{-1}$				$n_1 = 1400 \text{ min}^{-1}$				$n_1 = 900 \text{ min}^{-1}$				$n_1 = 500 \text{ min}^{-1}$					IEC	
	n_2	T_{2M}	P	RD	n_2	T_{2M}	P	RD	n_2	T_{2M}	P	RD	n_2	T_{2M}	P				RD
	min^{-1}	Nm	kW	%	min^{-1}	Nm	kW	%	min^{-1}	Nm	kW	%	min^{-1}	Nm	kW	%			
6.3	448	124	6.1	95	224	147	3.6	95	144	164	2.6	95	80	200	1.8	95	112 (B5 - B14)		
7.4	379	128	5.4	95	190	153	3.2	95	122	171	2.3	95	68	200	1.5	95			
8.3	336	133	4.9	95	168	158	2.9	95	108	176	2.1	95	60	20	1.3	95	100 (B5 - B14)		
9.2	304	137	4.6	95	152	163	2.7	95	98	182	2.0	95	54	200	1.2	95			
10.4	269	144	4.3	95	134	171	2.5	95	86	191	1.8	95	48	200	1.1	95	90 (B5 - B14)		
12.5	224	147	3.6	95	112	175	2.2	95	72	195	1.6	95	40	210	0.93	95			
14.6	192	153	3.2	95	96	182	1.9	95	62	203	1.4	95	34	210	0.80	95	80 (B5 - B14)		
16.8	167	158	2.9	95	83	188	1.7	95	54	210	1.2	95	30	210	0.69	95			
18.2	154	156	2.6	95	77	184	1.6	95	50	200	1.1	95	28	200	0.61	95	71 (B5)		
20.8	135	159	2.4	95	67	189	1.4	95	43	200	0.96	95	24	200	0.63	95			
23.8	118	171	2.2	95	59	203	1.3	95	38	210	0.87	95	21	210	0.49	95	63 (B5)		
25.9	108	168	2.0	95	54	200	1.2	95	35	200	0.77	95	19	200	0.43	95			
29.8	94	168	1.7	95	47	200	1.0	95	30	200	0.67	95	17	200	0.37	95			

AR 50/3																Kg	13		
ir	$n_1 = 2800 \text{ min}^{-1}$				$n_1 = 1400 \text{ min}^{-1}$				$n_1 = 900 \text{ min}^{-1}$				$n_1 = 500 \text{ min}^{-1}$					IEC	
	n_2	T_{2M}	P	RD	n_2	T_{2M}	P	RD	n_2	T_{2M}	P	RD	n_2	T_{2M}	P				RD
	min^{-1}	Nm	kW	%	min^{-1}	Nm	kW	%	min^{-1}	Nm	kW	%	min^{-1}	Nm	kW	%			
28.5	98	182	2.0	93	49	216	1.2	93	32	216	0.77	93	18	216	0.43	93	90 (B5 - B14)		
32.4	86	188	1.8	93	43	216	1.1	93	28	216	0.68	93	15	216	0.38	93			
35.6	79	186	1.6	93	39	208	0.92	93	25	208	0.59	93	14	208	0.33	93	80 (B5 - B14)		
40.5	69	191	1.5	93	35	208	0.81	93	22	208	0.52	93	12	208	0.29	93			
46.2	61	205	1.4	93	30	216	0.74	93	19	216	0.47	93	11	216	0.26	93	71 (B5)		
50.8	55	210	1.3	93	28	216	0.67	93	18	216	0.43	93	9.8	216	0.24	93			
54.3	52	216	1.3	93	26	216	0.63	93	17	216	0.40	93	9.2	216	0.22	93	63 (B5)		
65.9	42	208	1.0	93	21	208	0.50	93	14	208	0.32	93	7.6	208	0.18	93			
71.5	39	216	0.95	93	20	216	0.48	93	13	216	0.31	93	7.0	216	0.17	93	63 (B5)		
77.5	36	216	0.88	93	18	216	0.44	93	12	216	0.28	93	6.5	216	0.16	93			
89.3	31	216	0.76	93	16	216	0.38	93	10	216	0.25	93	5.6	216	0.14	93	63 (B5)		
102.1	27	208	0.64	93	14	208	0.32	93	8.8	208	0.21	93	4.9	208	0.11	93			
117.6	24	216	0.58	93	12	216	0.29	93	7.7	216	0.19	93	4.3	216	0.10	93	63 (B5)		
127.5	22	216	0.53	93	11	216	0.27	93	7.1	216	0.17	93	3.9	216	0.10	93			
146.9	19	208	0.45	93	9.5	208	0.22	93	6.1	208	0.14	93	3.4	208	0.08	93			

N.B. Per i riduttori evidenziati dal doppio bordo nella colonna delle potenze è necessario verificare lo scambio termico del riduttore (come a pag. 6). Per maggiori informazioni contattare il nostro uff. tecnico.

NOTE. Pay attention please to the frame around the input power value: for this gearboxes it's important to check the thermal capacity (comp. p. 6). For details please contact our technical office.

HINWEIS. Für den Fall, daß die in den Tabellen angegebenen Nennleistungen eingerahmt sind, ist die thermische Leistungsgrenze der Getriebe zu beachten. (vgl. S.6). Für weitere Informationen wenden Sie sich bitte an unser technisches Büro.



2.6 Prestazioni riduttori AR

2.6 AR gearboxes performances

2.6 Leistungen der AR-Getriebe

AR 60/1



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ir	n ₁ = 2800 min ⁻¹				n ₁ = 1400 min ⁻¹				n ₁ = 900 min ⁻¹				n ₁ = 500 min ⁻¹				IEC
	n ₂	T _{2M}	P	RD	n ₂	T _{2M}	P	RD	n ₂	T _{2M}	P	RD	n ₂	T _{2M}	P	RD	
	min ⁻¹	Nm	kW	%	min ⁻¹	Nm	kW	%	min ⁻¹	Nm	kW	%	min ⁻¹	Nm	kW	%	
1.3	2133	130	29.9	97	1067	130	15.0	97	686	130	9.6	97	381	130	5.3	97	132 (B5 - B14)
1.6	1704	140	25.8	97	852	140	12.9	97	548	140	8.3	97	304	140	4.6	97	
1.8	1517	145	23.7	97	758	145	11.9	97	488	145	7.6	97	271	145	4.2	97	112 (B5 - B14)
2.1	1344	160	23.2	97	672	160	11.6	97	432	160	7.5	97	240	160	4.1	97	
2.4	1185	170	21.7	97	592	170	10.9	97	381	170	7.0	97	212	170	3.9	97	100 (B5 - B14)
2.7	1037	170	19.0	97	519	170	9.5	97	333	170	6.1	97	185	170	3.4	97	
2.9	967	170	17.8	97	484	170	8.9	97	311	170	5.7	97	173	170	3.2	97	90(B5 - B14)
3.4	835	170	15.3	97	418	170	7.7	97	268	170	4.9	97	149	170	2.7	97	
3.6	772	170	14.2	97	386	170	7.1	97	248	170	4.6	97	138	170	2.5	97	80 (B5 - B14)
4.7	597	170	11.0	97	298	170	5.5	97	192	170	3.5	97	107	170	2.0	97	
5.2	542	158	9.2	97	271	164	4.8	97	174	164	3.1	97	97	164	1.7	97	71 (B5)
5.9	473	142	7.2	97	236	146	3.7	97	152	155	2.5	97	84	160	1.5	97	
6.8	410	125	5.5	97	205	125	2.8	97	132	132	1.9	97	73	142	1.1	97	

AR 60/2



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7.9	355	285	11.1	95	177	338	6.6	95	114	378	4.8	95	63	410	2.9	95	132 (B5 - B14)
8.9	315	293	10.2	95	157	349	6.1	95	101	389	4.3	95	56	410	2.5	95	
10.1	279	301	9.2	95	139	359	5.5	95	90	400	3.9	95	50	410	2.2	95	112 (B5 - B14)
11.3	247	308	8.4	95	123	367	5.0	95	79	409	3.6	95	44	410	2.0	95	
12.4	226	315	7.9	95	113	375	4.7	95	73	418	3.4	95	40	450	2.0	95	100 (B5 - B14)
14.3	195	327	7.0	95	98	389	4.2	95	63	435	3.0	95	35	450	1.7	95	
15.5	181	338	6.7	95	90	402	4.0	95	58	449	2.9	95	32	450	1.6	95	90 (B5 - B14)
18.3	153	318	5.4	95	77	378	3.2	95	49	410	2.2	95	27	410	1.2	95	
19.7	142	326	5.1	95	71	388	3.0	95	46	410	2.1	95	25	410	1.1	95	80 (B5 - B14)
22.1	127	367	5.1	95	63	436	3.0	95	41	450	2.0	95	23	450	1.1	95	
25.3	111	378	4.6	95	55	450	2.7	95	36	450	1.8	95	20	450	0.98	95	71 (B5)
28.1	100	345	3.8	95	50	410	2.2	95	32	410	1.4	95	18	410	0.80	95	
32.3	87	345	3.3	95	43	410	2.0	95	28	410	1.3	95	16	410	0.70	95	

AR 60/3



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28.0	100	387	4.4	93	50	460	2.6	93	32	460	1.7	93	18	460	0.92	93	100 (B5 - B14)
31.6	89	400	4.0	93	44	460	2.3	93	28	460	1.5	93	16	460	0.82	93	
35.7	78	376	3.3	93	39	420	1.9	93	25	420	1.2	93	14	420	0.66	93	90 (B5 - B14)
40.3	69	386	3.0	93	35	420	1.6	93	22	420	1.1	93	12	420	0.59	93	
45.1	62	436	3.0	93	31	460	1.6	93	20	460	1.0	93	11	460	0.57	93	80 (B5 - B14)
51.0	55	447	2.8	93	27	460	1.4	93	18	460	0.91	93	9.8	460	0.51	93	
55.2	51	460	2.6	93	25	460	1.3	93	16	460	0.84	93	9.1	460	0.47	93	71 (B5)
60.3	46	420	2.2	93	23	420	1.1	93	15	420	0.71	93	8.3	420	0.39	93	
72.7	39	460	2.0	93	19	460	1.0	93	12	460	0.64	93	6.9	460	0.36	93	
78.6	36	460	1.8	93	18	460	0.92	93	11	460	0.59	93	6.4	460	0.33	93	
90.4	31	460	1.6	93	15	460	0.80	93	10	460	0.52	93	5.5	460	0.29	93	
100.2	28	420	1.3	93	14	420	0.66	93	9.0	420	0.42	93	5.0	420	0.24	93	
112.2	25	460	1.3	93	12	460	0.65	93	8.0	460	0.42	93	4.5	460	0.23	93	
128.8	22	460	1.1	93	11	460	0.56	93	7.0	460	0.36	93	3.9	460	0.20	93	
143.0	20	420	0.93	93	9.8	420	0.46	93	6.3	420	0.30	93	3.5	420	0.17	93	
164.1	17	420	0.81	93	8.5	420	0.40	93	5.5	420	0.26	93	3.0	420	0.14	93	

N.B. Per i riduttori evidenziati dal doppio bordo nella colonna delle potenze è necessario verificare lo scambio termico del riduttore (come a pag. 6). Per maggiori informazioni contattare il nostro uff. tecnico.

NOTE. Pay attention please to the frame around the input power value: for this gearboxes it's important to check the thermal capacity (comp. p. 6). For details please contact our technical office.

HINWEIS. Für den Fall, daß die in den Tabellen angegebenen Nennleistungen eingerahmt sind, ist die thermische Leistungsgrenze der Getriebe zu beachten. (vgl. S.6). Für weitere Informationen wenden Sie sich bitte an unser technisches Büro.



2.6 Prestazioni riduttori AR

2.6 AR gearboxes performances

2.6 Leistungen der AR-Getriebe

AR 80/1																Kg	21		
ir	n ₁ = 2800 min ⁻¹				n ₁ = 1400 min ⁻¹				n ₁ = 900 min ⁻¹				n ₁ = 500 min ⁻¹					IEC	
	n ₂	T _{2M}	P	RD	n ₂	T _{2M}	P	RD	n ₂	T _{2M}	P	RD	n ₂	T _{2M}	P				RD
	min ⁻¹	Nm	kW	%	min ⁻¹	Nm	kW	%	min ⁻¹	Nm	kW	%	min ⁻¹	Nm	kW	%			
1.2	2355	260	66.1	97	1177	260	33.0	97	757	260	21.2	97	420	260	11.8	97	160 (B5) 132 (B5) 112 (B5) 100 (B5) 90 (B5) 80 (B5)		
1.4	2026	270	59.0	97	1013	270	29.5	97	651	270	19.0	97	362	270	10.5	97			
1.8	1532	280	46.3	97	766	280	23.2	97	492	280	14.9	97	274	280	8.3	97			
2.0	1375	305	45.3	97	687	305	22.6	97	442	305	14.5	97	245	305	8.1	97			
2.4	1179	330	42.0	97	589	330	21.0	97	379	330	13.5	97	211	330	7.5	97			
2.7	1044	330	37.2	97	522	330	18.6	97	336	330	12.0	97	186	330	6.6	97			
2.9	964	330	34.3	97	482	330	17.2	97	310	330	11.0	97	172	330	6.1	97			
3.3	844	330	30.1	97	422	330	15.0	97	271	330	9.7	97	151	330	5.4	97			
3.6	788	330	28.1	97	394	330	14.0	97	253	330	9.0	97	141	330	5.0	97			
4.8	585	330	20.8	97	293	330	10.4	97	188	330	6.7	97	104	330	3.7	97			
5.3	528	330	18.8	97	264	330	9.4	97	170	330	6.0	97	94	330	3.4	97			
5.8	480	330	17.1	97	240	330	8.5	97	154	330	5.5	97	86	330	3.1	97			
6.4	439	330	15.6	97	219	330	7.8	97	141	330	5.0	97	78	330	2.8	97			

AR 80/2																Kg	30		
ir	n ₁ = 2800 min ⁻¹				n ₁ = 1400 min ⁻¹				n ₁ = 900 min ⁻¹				n ₁ = 500 min ⁻¹					IEC	
	n ₂	T _{2M}	P	RD	n ₂	T _{2M}	P	RD	n ₂	T _{2M}	P	RD	n ₂	T _{2M}	P				RD
	min ⁻¹	Nm	kW	%	min ⁻¹	Nm	kW	%	min ⁻¹	Nm	kW	%	min ⁻¹	Nm	kW	%			
7.8	359	595	24	95	179	707	14.0	95	115	790	10.0	95	64	940	6.6	95	160 (B5) 132 (B5) 112 (B5) 100 (B5) 90 (B5) 80 (B5)		
8.7	322	612	22	95	161	728	12.9	95	103	813	9.3	95	57	940	6.0	95			
10.0	281	629	19.5	95	141	748	11.6	95	90	835	8.3	95	50	940	5.2	95			
11.1	252	644	17.9	95	126	766	10.7	95	81	855	7.6	95	45	940	4.7	95			
12.4	226	658	16.4	95	113	782	9.7	95	73	874	7.0	95	40	940	4.2	95			
14.2	198	684	14.9	95	99	813	8.9	95	64	908	6.4	95	35	940	3.7	95			
15.2	184	707	14.4	95	92	841	8.5	95	59	939	6.1	95	33	940	3.4	95			
18.1	155	728	12.4	95	78	866	7.4	95	50	940	5.2	95	28	940	2.9	95			
19.4	145	748	11.9	95	72	889	7.1	95	46	940	4.8	95	26	940	2.7	95			
22.7	123	766	10.4	95	62	910	6.2	95	40	940	4.1	95	22	940	2.3	95			
24.9	112	790	9.8	95	56	940	5.8	95	36	940	3.7	95	20	940	2.1	95			
28.9	97	790	8.4	95	48	940	5.0	95	31	940	3.2	95	17	940	1.8	95			
31.8	88	790	7.7	95	44	940	4.6	95	28	940	2.9	95	16	940	1.6	95			

AR 80/3																Kg	30		
ir	n ₁ = 2800 min ⁻¹				n ₁ = 1400 min ⁻¹				n ₁ = 900 min ⁻¹				n ₁ = 500 min ⁻¹					IEC	
	n ₂	T _{2M}	P	RD	n ₂	T _{2M}	P	RD	n ₂	T _{2M}	P	RD	n ₂	T _{2M}	P				RD
	min ⁻¹	Nm	kW	%	min ⁻¹	Nm	kW	%	min ⁻¹	Nm	kW	%	min ⁻¹	Nm	kW	%			
28.1	100	813	9.1	93	50	967	5.4	93	32	967	3.5	93	18	967	1.9	93	112 (B5) 100 (B5) 90 (B5) 80 (B5)		
31.7	88	841	8.4	93	44	967	4.8	93	28	967	3.1	93	16	967	1.7	93			
35.7	78	866	7.6	93	39	967	4.3	93	25	967	2.7	93	14	967	1.5	93			
40.3	69	889	6.9	93	35	967	3.8	93	22	967	2.4	93	12	967	1.3	93			
44.0	64	916	6.6	93	32	967	3.5	93	20	967	2.2	93	11	V	1.2	93			
50.9	55	940	5.8	93	27	967	3.0	93	18	967	1.9	93	9.8	967	1.1	93			
55.1	51	967	5.5	93	25	967	2.8	93	16	967	1.8	93	9.1	967	0.99	93			
65.7	43	967	4.6	93	21	967	2.3	93	14	967	1.5	93	7.6	967	0.83	93			
76.0	37	967	4.0	93	18	967	2.0	93	12	967	1.3	93	6.6	967	0.72	93			
82.2	34	967	3.7	93	17	967	1.9	93	11	967	1.2	93	6.1	967	0.66	93			
90.0	31	967	3.4	93	16	967	1.7	93	10	967	1.1	93	5.6	967	0.61	93			
104.8	27	967	2.9	93	13	967	1.6	93	8.6	967	0.94	93	4.8	967	0.52	93			
117.2	24	967	2.6	93	12	967	1.3	93	7.7	967	0.84	93	4.3	967	0.46	93			
134.3	21	967	2.3	93	10	967	1.1	93	6.7	967	0.73	93	3.7	967	0.41	93			
149.3	19	967	2.0	93	9.4	967	1.0	93	6.0	967	0.66	93	3.3	967	0.36	93			
171.2	16	967	1.8	93	8.2	967	0.89	93	5.3	967	0.57	93	2.9	967	0.32	93			

N.B. Per i riduttori evidenziati dal doppio bordo nella colonna delle potenze è necessario verificare lo scambio termico del riduttore (come a pag. 6). Per maggiori informazioni contattare il nostro uff. tecnico.

NOTE Pay attention please to the frame around the input power value: for this gearboxes it's important to check the thermal capacity (comp. p. 6). For details please contact our technical office.

HINWEIS. Für den Fall, daß die in den Tabellen angegebenen Nennleistungen eingerahmt sind, ist die thermische Leistungsgrenze der Getriebe zu beachten. (vgl. S.6). Für weitere Informationen wenden Sie sich bitte an unser technisches Büro.



2.6 Prestazioni riduttori AR

2.6 AR gearboxes performances

2.6 Leistungen der AR-Getriebe

AR 100/1



Table with 4 columns of input speeds (n1 = 2800, 1400, 900, 500 min^-1) and 5 columns of output speeds (n2, T2M, P, RD) and IEC ratings.

AR 100/2



Table with 4 columns of input speeds (n1 = 2800, 1400, 900, 500 min^-1) and 5 columns of output speeds (n2, T2M, P, RD) and IEC ratings.

AR 100/3



Table with 4 columns of input speeds (n1 = 2800, 1400, 900, 500 min^-1) and 5 columns of output speeds (n2, T2M, P, RD) and IEC ratings.

N.B. Per i riduttori evidenziati dal doppio bordo nella colonna delle potenze è necessario verificare lo scambio termico del riduttore (come a pag. 6). Per maggiori informazioni contattare il nostro uff. tecnico.

NOTE. Pay attention please to the frame around the input power value: for this gearboxes it's important to check the thermal capacity (comp. p. 6). For details please contact our technical office.

HINWEIS. Für den Fall, daß die in den Tabellen angegebenen Nennleistungen eingerahmt sind, ist die thermische Leistungsgrenze der Getriebe zu beachten. (vgl. S.6). Für weitere Informationen wenden Sie sich bitte an unser technisches Büro.

* Contattare il ns. servizio tecnico

* Contact our technical dept

* Wenden Sie sich an unseren technischen Service





2.6 Prestazioni riduttori AR

2.6 AR gearboxes performances

2.6 Leistungen der AR-Getriebe

AR 120/2



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ir	$n_1 = 2800 \text{ min}^{-1}$				$n_1 = 1400 \text{ min}^{-1}$				$n_1 = 900 \text{ min}^{-1}$				$n_1 = 500 \text{ min}^{-1}$				IEC																		
	n_2	T_{2M}	P	RD	n_2	T_{2M}	P	RD	n_2	T_{2M}	P	RD	n_2	T_{2M}	P	RD																			
	min^{-1}	Nm	kW	%	min^{-1}	Nm	kW	%	min^{-1}	Nm	kW	%	min^{-1}	Nm	kW	%																			
2.8	1005	1380	152	95	503	1700	94	95	323	1700	60	95	179	1700	34	95	225 (B5)																		
3.9	726	1380	110	95	363	1700	68	95	233	1700	44	95	130	1700	24	95		200 (B5)																	
5.2	537	1460	86	95	268	1800	53	95	172	1800	34	95	96	1800	19	95			180 (B5)																
6.1	457	1620	81	95	229	2000	50	95	147	2280	37	95	82	2720	24	95				160 (B5)															
7.7	366	1780	72	95	183	2200	44	95	118	2500	32	95	65	3000	22	95					132 (B5)														
8.5	330	2030	74	95	165	2500	45	95	106	2850	33	95	59	3000	21	95						132 (B5)													
10.6	264	2270	66	95	132	2280	41	95	85	3000	29	95	47	3000	17	95							132 (B5)												
11.5	244	2430	65	95	122	3000	40	95	78	3000	28	95	44	3000	16	95								132 (B5)											
14.1	199	2430	53	95	100	3000	33	95	64	3000	23	95	36	3000	13	95									132 (B5)										
17.7	158	2430	42	95	79	3000	26	95	51	3000	18	95	28	3000	10	95										132 (B5)									
19.3	145	2430	39	95	73	3000	24	95	47	3000	17	95	26	3000	9.4	95											132 (B5)								
21.0	133	2430	36	95	67	3000	22	95	43	3000	16	95	24	3000	8.6	95												132 (B5)							
22.1	127	2430	34	95	63	3000	21	95	41	3000	15	95	23	3000	8.2	95													132 (B5)						
23.1	121	2430	32	95	61	3000	20	95	39	3000	14	95	22	3000	7.8	95														132 (B5)					
24.0	116	2430	31	95	58	3000	19	95	37	3000	14	95	21	3000	7.5	95															132 (B5)				
27.0	104	2430	28	95	52	3000	17	95	33	3000	12	95	19	3000	6.7	95																132 (B5)			
28.9	97	2430	26	95	48	3000	16	95	31	3000	11	95	17	3000	6.3	95																	132 (B5)		
29.6	95	2430	25	95	47	3000	16	95	30	3000	11	95	17	3000	6.1	95																		132 (B5)	
33.7	83	2430	22	95	41	3000	14	95	27	3000	10	95	15	3000	5.4	95																			132 (B5)
37.0	76	2430	20	95	38	3000	12	95	24	3000	8.8	95	14	3000	4.9	95																			

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40.7	69	2550	20	93	34	3300	13	93	22	3300	8.2	93	12	3300	4.6	93	90 (B5)																		
45.7	61	2640	18	93	31	3300	11	93	20	3300	7.3	93	11	3300	4.1	93		90 (B5)																	
50.9	55	2700	17	93	28	3300	10	93	18	3300	6.6	93	10	3300	3.7	93			90 (B5)																
57.1	49	2760	15	93	25	3300	9.1	93	16	3300	5.9	93	8.8	3300	3.3	93				90 (B5)															
62.2	45	2840	14	93	23	3300	8.4	93	14	3300	5.4	93	8.0	3300	3.0	93					90 (B5)														
72.6	39	2900	13	93	19	3300	7.2	93	12	3300	4.6	93	6.9	3300	2.6	93						90 (B5)													
77.7	36	2960	12	93	18	3300	6.7	93	12	3300	4.3	93	6.4	3300	2.4	93							90 (B5)												
82.2	34	3040	12	93	17	3300	6.3	93	11	3300	4.1	93	6.1	3300	2.3	93								90 (B5)											
90.7	31	3100	11	93	15	3300	5.7	93	10	3300	3.7	93	5.5	3300	2.0	93									90 (B5)										
102.6	27	3180	10	93	14	3300	5.1	93	8.8	3300	3.3	93	4.9	3300	1.8	93										90 (B5)									
114.4	24	3250	9.0	93	12	3300	4.5	93	7.9	3300	2.9	93	4.4	3300	1.6	93											90 (B5)								
124.9	22	3300	8.3	93	11	3300	4.2	93	7.2	3300	2.7	93	4.0	3300	1.5	93												90 (B5)							
142.9	20	3300	7.3	93	10	3300	3.6	93	6.3	3300	2.3	93	3.5	3300	1.3	93													90 (B5)						
156.0	18	3300	6.7	93	9.0	3300	3.3	93	5.8	3300	2.1	93	3.2	3300	1.2	93														90 (B5)					
175.7	16	3300	5.9	93	8.0	3300	3.0	93	5.1	3300	1.9	93	2.8	3300	1.1	93															90 (B5)				
182.0	15	3300	5.7	93	7.7	3300	2.9	93	4.9	3300	1.8	93	2.7	3300	1.0	93																90 (B5)			
197.1	14	3300	5.3	93	7.1	3300	2.6	93	4.6	3300	1.7	93	2.5	3300	0.9	93																	90 (B5)		
205.0	14	3300	5.1	93	6.8	3300	2.5	93	4.4	3300	1.6	93	2.4	3300	0.9	93																		90 (B5)	
222.0	13	3300	4.7	93	6.3	3300	2.3	93	4.1	3300	1.5	93	2.3	3300	0.8	93																			90 (B5)
256.0	11	3300	4.1	93	5.5	3300	2.0	93	3.5	3300	1.3	93	2.0	3300	0.7	93																			
277.3	10	3300	3.8	93	5.0	3300	1.9	93	3.2	3300	1.2	93	1.8	3300	0.7	93	90 (B5)																		

N.B.
I pesi riportati sono indicativi e possono variare in funzione della versione del riduttore.

N.B. Per i riduttori evidenziati dal doppio bordo nella colonna delle potenze è necessario verificare lo scambio termico del riduttore (come a pag. 6). Per maggiori informazioni contattare il nostro uff. tecnico.

NOTE
Listed weights are for reference only and can vary according to the gearbox version.

NOTE. Pay attention please to the frame around the input power value: for this gearboxes it's important to check the thermal capacity (comp. p. 6). For details please contact our technical office.

HINWEIS.
Die angegebenen Gewichtsmaße sind Richtwerte und können sich je nach Getriebeversion ändern.

HINWEIS. Für den Fall, daß die in den Tabellen angegebenen Nennleistungen eingerahmt sind, ist die thermische Leistungsgrenze der Getriebe zu beachten. (vgl. S.6). Für weitere Informationen wenden Sie sich bitte an unser technisches Büro.



Nella tab. 2.7 sono riportate le grandezze motore accoppiabili (IEC) unitamente alle dimensioni albero/flangia motore standard.

In table 2.7 the possible shaft/flange dimensions IEC standard are listed.

In Tabelle 2.7 sind die möglichen Welle/Flansch-Abmessungen IEC-Standard aufgelistet.

Tab. 2.7

Possibili accoppiamenti con motori IEC - Possible couplings with IEC motors - Mögliche Verbindungen mit IEC-Motoren

	IEC	ir			IEC	ir	
		Tutti / All / Alle				Tutti / All / Alle	
AM 25/2	56	9/120 (B5) - 9/80 • (B14)	9/140 - 9/90		132	38/300 (B5) - 38/200 (B14)	38/250
AM 25/3	63	11/140 (B5) - 11/90 (B14)	11/120 - 11/80 •		112	28/250 (B5) - 28/160 (B14)	28/200 - 28/300
AM 32/1	80*	19/200 (B5) - 19/120 (B14)	19/160 - 19/140 - 19/105 •	AM 60/1 AM 60/2	100	28/250 (B5) - 28/160 (B14)	28/200 - 28/300
	71	14/160 (B5) - 14/105 (B14)	14/140 - 14/120 - 14/90 •		90	24/200 (B5) - 24/140 (B14)	24/300 - 24/250
	63	11/140 (B5) - 11/90 • (B14)	11/160 - 11/120 - 11/105		80	19/200 (B5) - 19/120 (B14)	
	56	9/120 (B5)	9/160 - 9/140 - 9/90 •		71	14/160 (B5)	
AM 35/2	80	19/200 (B5) - 19/120 (B14)	19/160 - 19/105 • - 19/90 •	AM 60/3	100	28/250 (B5) - 28/160 (B14)	
	71	14/160 (B5) - 14/105 (B14)	14/140 - 14/120 - 14/90 •		90	24/200 (B5) - 24/140 (B14)	
	63	11/140 (B5) - 11/90 • (B14)	11/160 - 11/120 - 11/105		80	19/200 (B5) - 19/120 (B14)	
56	9/120 (B5) - 9/80 • (B14)	9/140 - 9/90	71		14/160 (B5)		
AM 35/3	63	11/140 (B5) - 11/90 (B14)	11/120 - 11/80 •	AM 80/1 AM 80/2	160	42/350 (B5) - 42/300 - 42/250	
	56	9/120 (B5) - 9/80 • (B14)	9/140 - 9/90		132	38/300 (B5) - 38/350 - 38/250	
	100	28/250 (B5) - 28/160 (B14)			112	28/250 (B5) - 28/350 - 28/300	
	90	24/200 (B5) - 24/140 (B14)	24/160 - 24/120		100	28/250 (B5) - 28/350 - 28/300	
	80	19/200 (B5) - 19/120 (B14)	19/160 - 19/140		90	24/200 (B5)	
AM 40/1 AM 40/2	71	14/160 (B5)		80	19/200 (B5)		
	63	11/140 (B5)		AM 80/3	112	28/250 (B5)	
	80	19/200 (B5) - 19/120 (B14)	19/160 - 19/140		100	28/250 (B5)	
	71	14/160 (B5)			90	24/200 (B5)	
63	11/140 (B5)		80		19/200 (B5)		
AM 40/3	80	19/200 (B5) - 19/120 (B14)	19/160 - 19/140	AM 100/1 AM 100/2	200	55/400 (B5)	
	71	14/160 (B5)			180	48/350 (B5)	
	63	11/140 (B5)			160	42/350 (B5)	
AM 50/1 AM 50/2	112	28/250 (B5) - 28/160 (B14)		132	38/300 (B5)		
	100	28/250 (B5) - 28/160 (B14)		132	38/300 (B5) - 28/300		
	90	24/200 (B5) - 24/140 (B14)	24/160 - 24/120	112	28/250 (B5) - 38/250		
	80	19/200 (B5) - 19/120 (B14)	19/160 - 19/140	100	28/250 (B5) - 38/250		
	71	14/160 (B5)	14/200 - 14/140 - 14/120	90	24/200 (B5)		
	63	11/140 (B5)		AM 120/2	225	60/450 (B5)	
			200		55/400 (B5) - 55/450		
			180		48/350 (B5) - 48/450 - 48/400		
			160		42/350 (B5) - 42/450 - 42/400		
			132	38/300 (B5) - 38/450 - 38/400 - 38/350			

* Il PAM 80 B5 nel AM 32/1 è disponibile solo con corpo flangiato

*(AM 32/1) PAM 80 B5 is available only on house without feet

*(AM 32/1)PAM 80 B5 nur mit flansch Gehäuse lieferbar ist

Legenda:

Key:

Legende:

11/140 (B5) 11/120

11/140 (B5) 11/120

11/140 (B5) 11/120

11/140 : combinazioni albero/flangia standard (B5) : forma costruttiva motore IEC
11/120 : combinazioni albero/flangia a richiesta

11/140 : standard shaft/flange combination (B5) : IEC motor constructive shape
11/120 : shaft/flange combinations upon request

11/140 : Standardkombinationen Welle/Flansch (B5) : Konstruktionsform IEC-Motor
11/120 : Sonderkombinationen Welle/Flansch

N.B.
La configurazione standard della flangia attacco motore prevede 4 fori a 45° (esempio x: vedi par 2.3).

Note.
The standard configuration for the 4 holes is 45° to the axles (like an x: see par 2.3).

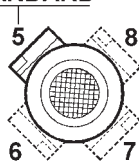
HINWEIS.
In der Standardkonfiguration sind die 4 Flanschbohrungen im 45°-Winkel zu den Achsen angeordnet (wie ein x: siehe kapitel 2.3).

Per le flange contrassegnate con il simbolo (*) i fori per il fissaggio al motore sono disposti in croce (esempio +). Pertanto è opportuno valutare l'ingombro della morsettiera del motore che verrà installato in quanto essa verrà a trovarsi orientata a 45° rispetto agli assi. Per la scelta della posizione della morsettiera rispetto agli assi fare riferimento allo schema seguente (in cui la posizione 5 è quella standard):

For the B14 flanges marked with (*) the holes to fit the motor are on the axles (like a +). Therefore we suggest to check the dimensions of the terminal board of the motor as it will be at 45° to the axles. Please choose the terminal board position referring to the following sketch (in which n° 5 is the standard position):

Bei B14-Flanschen, die mit (*) gekennzeichnet sind, sind die Bohrungen auf den Achsen angeordnet (wie ein +). Es sollte deshalb der Platzbedarf des Motorklemmenkastens beachtet werden, da er sich in 45°-Position zu den Achsen befinden wird. Die Lage des Klemmenkastens des Motors wählen Sie bitte anhand der folgenden Skizze (Pos. 5 ist

STANDARD





2.7 Prestazioni motoriduttori

2.7 Gearmotors performances

2.7 Leistungen der Getriebemotoren

n_2 min ⁻¹	ir	T2 Nm	FS'	AM AC	
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n_2 min ⁻¹	ir	T2 Nm	FS'	AM AC	
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n_2 min ⁻¹	ir	T2 Nm	FS'	AM AC	
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0.09 kW	$n_1 = 2740 \text{ min}^{-1}$	56A 2
	$n_1 = 1360 \text{ min}^{-1}$	56B 4
	$n_1 = 860 \text{ min}^{-1}$	63B 6

0.11 kW	$n_1 = 1360 \text{ min}^{-1}$	56C 4
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0.13 kW	$n_1 = 2750 \text{ min}^{-1}$	56B 2
	$n_1 = 1360 \text{ min}^{-1}$	63A 4
	$n_1 = 860 \text{ min}^{-1}$	63C 6

806	3.4	1.0	11.8	25/2	56A 2
703	3.9	1.2	10.5	25/2	56A 2
571	4.8	1.4	8.5	25/2	56A 2
453	3.0	1.8	13.6	32/1	56B 4
400	3.4	2.0	5.9	25/2	56B 4
349	3.9	2.3	5.2	25/2	56B 4
302	4.5	2.8	9.6	32/1	56B 4
283	4.8	2.9	4.2	25/2	56B 4
257	5.3	3.2	8.2	32/1	56B 4
243	5.6	3.4	3.6	25/2	56B 4
209	6.5	4.0	5.2	32/1	56B 4
189	7.2	4.3	2.8	25/2	56B 4
156	8.7	5.2	2.3	25/2	56B 4
151	9.0	5.4	2.6	25/2	56B 4
130	10.5	6.3	2.2	25/2	56B 4
101	13.4	8.0	1.9	25/2	56B 4
84	16.2	10	1.5	25/2	56B 4
76	17.9	11	1.4	25/2	56B 4
72	18.9	11	1.7	25/3	56B 4
58	23.4	14	1.4	25/3	56B 4
50	27.2	16	1.3	25/3	56B 4
47	18.1	17.2	3.2	35/2	63B 6
46	59.1	17.6	3.1	35/3	56A 2
43	31.9	19	0.9	25/3	56B 4
40	21.3	20.3	3.0	35/2	63B 6
40	68.1	20.3	2.7	35/3	56A 2
39	35.3	21	0.8	25/3	56B 4
33	41.8	25	0.9	25/3	56B 4
31	43.9	25.8	2.3	35/3	56B 4
27	50.6	29.7	2.0	35/3	56B 4
23	59.1	34.7	1.7	35/3	56B 4
21	41.2	38	2.5	40/3	63B 6
20	68.1	40.1	1.5	35/3	56B 4
17.3	78.6	46.2	1.3	35/3	56B 4
17.1	50.4	47	2.2	40/3	63B 6
14.7	92.4	54.3	1.1	35/3	56B 4
12.5	109.1	64.1	0.9	35/3	56B 4
12.1	70.9	66	1.6	40/3	63B 6
10.9	124.3	73.1	0.8	35/3	56B 4
9.6	89.3	83	2.6	50/3	63B 6
9.2	93.4	87	1.2	40/3	63B 6
7.5	115.2	107	1.0	40/3	63B 6
7.3	117.6	109	2.0	50/3	63B 6
6.7	127.5	119	1.8	50/3	63B 6
5.9	146.9	137	1.5	50/3	63B 6

756	1.8	1.3	16.1	32/1	56C 4
648	2.1	1.6	14.4	32/1	56C 4
544	2.5	1.9	12.7	32/1	56C 4
400	3.4	2.5	4.8	25/2	56C 4
349	3.9	2.9	4.3	25/2	56C 4
283	4.8	3.5	3.5	25/2	56C 4
243	5.6	4.1	3.0	25/2	56C 4
189	7.2	5.3	2.3	25/2	56C 4
156	8.7	6.4	1.9	25/2	56C 4
151	9.0	6.6	2.1	25/2	56C 4
130	10.5	7.7	1.8	25/2	56C 4
101	13.4	10	1.5	25/2	56C 4
84	16.2	12	1.3	25/2	56C 4
76	17.9	13	1.1	25/2	56C 4
72	18.9	14	1.4	25/3	56C 4
58	23.4	17	1.1	25/3	56C 4
50	27.2	20	1.0	25/3	56C 4
31.0	43.9	32	1.9	35/3	56C 4
26.9	50.6	36	1.7	35/3	56C 4
23.0	59.1	42	1.4	35/3	56C 4
20.0	68.1	49	1.2	35/3	56C 4
17.3	78.6	56	1.1	35/3	56C 4
14.7	92.4	66	0.9	35/3	56C 4
12.5	109.1	78	0.8	35/3	56C 4

257	5.3	4.7	5.7	32/1	63A 4
243	5.6	4.9	2.5	25/2	63A 4
221	3.9	5.3	2.4	25/2	63C 6
205	13.4	5.7	2.3	25/2	56B 2
189	7.2	6.2	2.0	25/2	63A 4
170	16.2	6.9	1.9	25/2	56B 2
156	8.7	7.5	1.6	25/2	63A 4
151	9.0	7.8	1.8	25/2	63A 4
132	6.5	9.1	2.5	32/1	63C 6
130	10.5	9.1	1.5	25/2	63A 4
119	7.2	9.9	1.3	25/2	63C 6
101	13.4	12	1.3	25/2	63A 4
86	15.7	14	4.0	35/2	63A 4
84	16.2	14	1.1	25/2	63A 4
76	17.9	16	1.0	25/2	63A 4
75	18.1	16	3.5	35/2	63A 4
58	23.4	20	1.0	25/3	63A 4
54	25.2	22	2.6	35/2	63A 4
50	27.2	23	0.9	25/3	63A 4
47	28.7	25	2.4	35/2	63A 4
44	30.6	27	3.4	40/2	63A 4
41	33.4	29	1.7	35/2	63A 4
37	36.3	31	3.1	40/3	63A 4
36	38.0	33	1.5	35/2	63A 4
33	41.2	35	2.7	40/3	63A 4
30	45.1	39	1.3	35/2	63A 4
29	46.7	40	2.6	40/3	63A 4
27	50.6	44	1.4	35/3	63A 4
27	50.4	43	2.5	40/3	63A 4
23	59.1	51	1.2	35/3	63A 4
22	61.6	52	1.8	40/3	63A 4
20	68.1	59	1.0	35/3	63A 4
19.2	70.9	60	1.7	40/3	63A 4
17.5	77.5	66	3.3	50/3	63A 4
17.4	78.2	66	1.6	40/3	63A 4
17.3	78.6	68	0.9	35/3	63A 4
15.2	89.3	76	2.8	50/3	63A 4
14.7	92.4	80	0.7	35/3	63A 4
14.6	93.4	79	1.3	40/3	63A 4
13.3	102.1	87	2.4	50/3	63A 4
13.2	103.0	87	1.1	40/3	63A 4
11.8	115.2	98	1.1	40/3	63A 4
11.6	117.6	100	2.2	50/3	63A 4
11.0	78.2	105	1.0	40/3	63C 6
10.7	127.5	108	2.0	50/3	63A 4
9.3	146.9	125	1.7	50/3	63A 4
9.2	93.4	125	0.8	40/3	63C 6
8.4	102.1	137	1.5	50/3	63C 6
7.3	117.6	158	1.4	50/3	63C 6
6.7	127.5	171	1.3	50/3	63C 6
5.9	146.9	197	1.1	50/3	63C 6

0.13 kW	$n_1 = 2750 \text{ min}^{-1}$	56B 2
	$n_1 = 1360 \text{ min}^{-1}$	63A 4
	$n_1 = 860 \text{ min}^{-1}$	63C 6

1100	2.5	1.1	14.7	32/1	56B 2
917	3.0	1.3	13.2	32/1	56B 2
809	3.4	1.5	11.8	32/1	56B 2
809	3.4	1.5	8.2	25/2	56B 2
756	1.8	1.6	13.6	32/1	63A 4
705	3.9	1.7	7.3	25/2	56B 2
648	2.1	1.9	12.2	32/1	63A 4
573	4.8	2.1	5.9	25/2	56B 2
544	2.5	2.2	10.7	32/1	63A 4
491	5.6	2.4	5.1	25/2	56B 2
453	3.0	2.7	9.4	32/1	63A 4
425	3.2	2.8	17.6	40/1	63A 4
400	3.4	2.9	4.1	25/2	63A 4
349	3.9	3.5	7.5	32/1	63A 4
349	3.9	3.4	3.6	25/2	63A 4
338	4.0	3.5	10.9	35/2	63A 4
316	8.7	3.7	3.3	25/2	56B 2
302	4.5	4.0	6.7	32/1	63A 4
283	4.8	4.2	2.9	25/2	63A 4
262	10.5	4.5	2.9	25/2	56B 2



2.7 Prestazioni motoriduttori

2.7 Gearmotors performances

2.7 Leistungen der Getriebemotoren

n ₂ min ⁻¹	ir	T2 Nm	FS'	AM AC	
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0.18 kW	n ₁ = 2760 min ⁻¹	63A 2
	n ₁ = 1370 min ⁻¹	63B 4
	n ₁ = 870 min ⁻¹	71A 6

1533	1.8	1.1	13.3	32/1	63A 2
1314	2.1	1.3	11.7	32/1	63A 2
1104	2.5	1.5	10.7	32/1	63A 2
920	3.0	1.8	9.6	32/1	63A 2
913	1.5	1.8	19.2	40/1	63B 4
812	3.4	2.1	8.6	32/1	63A 2
761	1.8	2.2	9.9	32/1	63B 4
708	3.9	2.4	7.6	32/1	63A 2
708	3.9	2.3	5.3	25/2	63A 2
652	2.1	2.6	8.8	32/1	63B 4
613	4.5	2.7	6.5	32/1	63A 2
575	4.8	2.8	4.3	25/2	63A 2
548	2.5	3.0	7.8	32/1	63B 4
493	5.6	3.3	3.7	25/2	63A 2
483	1.8	3.4	6.3	32/1	71A 6
457	3.0	3.7	6.8	32/1	63B 4
425	6.5	3.9	4.3	32/1	63A 2
403	3.4	4.1	3.0	25/2	63B 4
383	7.2	4.3	2.9	25/2	63A 2
351	3.9	4.7	5.4	32/1	63B 4
351	3.9	4.6	2.6	25/2	63B 4
317	8.7	5.1	2.4	25/2	63A 2
307	9.0	5.3	2.3	25/2	63A 2
285	4.8	5.7	2.1	25/2	63B 4
263	10.5	6.2	2.1	25/2	63A 2
245	5.6	6.7	1.8	25/2	63B 4
211	6.5	7.9	2.6	32/1	63B 4
190	7.2	8.6	1.4	25/2	63B 4
187	7.3	8.8	5.1	35/2	63B 4
170	16.2	10	1.4	25/2	63A 2
164	5.3	10	2.6	32/1	71A 6
157	8.7	10	1.2	25/2	63B 4
153	5.7	11	3.8	40/1	71A 6
152	9.0	11	1.3	25/2	63B 4
146	18.9	11	1.4	25/3	63A 2
135	10,1	12	4,1	35/2	63B 4
134	6.5	12	1.8	32/1	71A 6
130	10.5	13	1.1	25/2	63B 4
124	7.0	13	2.9	40/1	71A 6
118	23.4	14	1.1	25/3	63A 2
117	11,7	14	3,6	35/2	63B 4
102	13.4	16	0.9	25/2	63B 4
101	13,6	16	3,1	35/2	63B 4
87	15,7	19	2,9	35/2	63B 4
75	18,1	22	2,5	35/2	63B 4
64	21,3	25	2,2	35/2	63B 4
56	24,6	29	3,4	40/2	63B 4
54	25,2	30	1,9	35/2	63B 4
52	26,6	32	2,8	40/2	63B 4
48	28,7	34	1,8	35/2	63B 4
47	29,1	34	3,1	40/3	63B 4
45	30,6	36	2,5	40/2	63B 4
41	33,4	40	1,3	35/2	63B 4
41	33,1	39	2,7	40/3	63B 4

n ₂ min ⁻¹	ir	T2 Nm	FS'	AM AC	
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0.18 kW	n ₁ = 2760 min ⁻¹	63A 2
	n ₁ = 1370 min ⁻¹	63B 4
	n ₁ = 870 min ⁻¹	71A 6

38	36.3	42	2.2	40/3	63B 4
36	38,0	45	1,1	35/2	63B 4
33	41.2	48	2.0	40/3	63B 4
31	43,9	52	1,1	35/3	63B 4
30	45,1	54	0,9	35/2	63B 4
29	46,7	54	1,9	40/3	63B 4
27	50,6	60	1,0	35/3	63B 4
27	50,4	59	1,8	40/3	63B 4
25	54,3	63	3,4	50/3	63B 4
25	54,3	63	1,7	40/3	63B 4
23	59,1	70	0,9	35/3	63B 4
22	61,6	72	1,3	40/3	63B 4
21	65,9	77	2,7	50/3	63B 4
19.3	70,9	83	1,3	40/3	63B 4
19.2	71,5	83	2,6	50/3	63B 4
17.7	77,5	90	2,4	50/3	63B 4
17.5	78,2	91	1,2	40/3	63B 4
15.3	89,3	104	2,1	50/3	63B 4
14.7	93,4	109	1,0	40/3	63B 4
13.4	102,1	119	1,7	50/3	63B 4
12.0	72,7	134	3,4	60/3	71A 6
11.6	117,6	137	1,6	50/3	63B 4
11.1	78,6	144	3,2	60/3	71A 6
10.7	127,5	149	1,5	50/3	63B 4
9.6	90,4	166	2,8	60/3	71A 6
9.3	146,9	171	1,2	50/3	63B 4
8.7	100,2	184	2,3	60/3	71A 6
8.5	102,1	188	1,1	50/3	71A 6
7.4	117,6	216	1,0	50/3	71A 6
6.8	127,5	234	0,9	50/3	71A 6
6.8	128,8	237	1,9	60/3	71A 6
6.1	143,0	263	1,6	60/3	71A 6
5.3	164,1	302	1,4	60/3	71A 6

0.22 kW	n ₁ = 1400 min ⁻¹	63C 4
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1167	1.2	1.7	17.2	40/1	63C 4
933	1.5	2.2	16.0	40/1	63C 4
824	1.7	2.5	16.2	40/1	63C 4
778	1.8	2.6	8.3	32/1	63C 4
667	2.1	3.1	7.4	32/1	63C 4
560	2.5	3.6	6.5	32/1	63C 4
467	3.0	4.4	5.7	32/1	63C 4
412	3.4	4.9	5.2	32/1	63C 4
412	3.4	4.8	2.5	25/2	63C 4
359	3.9	5.7	4.5	32/1	63C 4
359	3.9	5.6	2.2	25/2	63C 4
311	4.5	6.6	4.0	32/1	63C 4
292	4.8	6.8	1.8	25/2	63C 4
264	5.3	7.7	3.5	32/1	63C 4

n ₂ min ⁻¹	ir	T2 Nm	FS'	AM AC	
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0.22 kW	n ₁ = 1400 min ⁻¹	63C 4
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250	5.6	8.0	1.5	25/2	63C 4
215	6.5	9.5	2.2	32/1	63C 4
194	7.2	10	1.2	25/2	63C 4
161	8.7	12	1.0	25/2	63C 4
156	9.0	13	1.1	25/2	63C 4
138	10,1	14,4	3,5	35/2	63C 4
133	10,5	15	0,9	25/2	63C 4
120	11,7	16,6	3,0	35/2	63C 4
103	13,6	19,4	2,6	35/2	63C 4
89	15,7	22,4	2,5	35/2	63C 4
81	17,2	25	3,4	40/2	63C 4
77	18,1	25,9	2,1	35/2	63C 4
69	20,2	29	3,0	40/2	63C 4
66	21,3	30	3,2	40/2	63C 4
66	21,3	30,4	1,8	35/2	63C 4
57	24,6	35	2,9	40/2	63C 4
56	25,2	35,9	1,6	35/2	63C 4
53	26,6	38	2,4	40/2	63C 4
49	28,7	40,9	1,5	35/2	63C 4
48	29,1	41	2,6	40/3	63C 4
46	30,6	44	2,1	40/2	63C 4
42	33,4	47,6	1,1	35/2	63C 4
42	33,1	46	2,3	40/3	63C 4
39	36,3	51	1,9	40/3	63C 4
37	38,0	54,2	0,9	35/2	63C 4
34	41,2	58	1,6	40/3	63C 4
31	45,1	64,4	0,8	35/2	63C 4
30	46,2	64	3,3	50/3	63C 4
30	46,7	65	1,6	40/3	63C 4
29	48,9	68	0,9	35/3	63C 4
28	50,4	70	1,5	40/3	63C 4
28	50,8	71	3,0	50/3	63C 4
26	54,3	76	2,9	50/3	63C 4
26	54,3	76	1,4	40/3	63C 4
23	61,6	86	1,1	40/3	63C 4
21	65,9	92	2,3	50/3	63C 4
19.7	70,9	99	1,1	40/3	63C 4
19.6	71,5	100	2,2	50/3	63C 4
18.1	77,5	108	2,0	50/3	63C 4
17.9	78,2	109	1,0	40/3	63C 4
15.7	89,3	125	1,7	50/3	63C 4
15.0	93,4	130	0,8	40/3	63C 4
13.7	102,1	142	1,5	50/3	63C 4
11.9	117,6	164	1,3	50/3	63C 4
11.0	127,5	178	1,2	50/3	63C 4
9.5	146,9	205	1,0	50/3	63C 4




2.7 Prestazioni motoriduttori

2.7 Gearmotors performances

2.7 Leistungen der Getriebemotoren

n_2 min ⁻¹	ir	T2 Nm	FS'	AM AC	
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n_2 min ⁻¹	ir	T2 Nm	FS'	AM AC	
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n_2 min ⁻¹	ir	T2 Nm	FS'	AM AC	
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2.2 kW	$n_1 = 2840 \text{ min}^{-1}$ $n_1 = 1410 \text{ min}^{-1}$	90L 2 100A 4
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2.2 kW	$n_1 = 2840 \text{ min}^{-1}$ $n_1 = 1410 \text{ min}^{-1}$	90L 2 100A 4
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3 kW	$n_1 = 2840 \text{ min}^{-1}$ $n_1 = 1420 \text{ min}^{-1}$	90LB 2 100B 4
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239	5.9	85	1.7	60/1	100A 4
224	6.3	89	1.6	50/2	100A 4
220	6.4	93	3.6	80/1	100A 4
207	6.8	98	1.3	60/1	100A 4
178	7.9	112	3.0	60/2	100A 4
170	8.3	117	1.3	50/2	100A 4
158	8.9	126	2.8	60/2	100A 4
153	9.2	130	1.3	50/2	100A 4
140	10.1	143	2.5	60/2	100A 4
136	10.4	147	1.2	50/2	100A 4
125	11.3	160	2.3	60/2	100A 4
114	12.4	176	2.1	60/2	100A 4
113	12.5	177	1.0	50/2	100A 4
99	14.3	202	1.9	60/2	100A 4
97	14.6	207	0.9	50/2	100A 4
91	15.5	219	1.8	60/2	100A 4
78	18.1	256	3.4	80/2	100A 4
77	18.3	259	1.5	60/2	100A 4
73	19.4	275	3.2	80/2	100A 4
72	19.7	279	1.4	60/2	100A 4
64	22.1	313	1.4	60/2	100A 4
62	22.7	321	2.8	80/2	100A 4
57	24.9	352	2.7	80/2	100A 4
56	25.3	358	1.3	60/2	100A 4
50	28.1	398	1.0	60/2	100A 4
49	28.9	409	2.3	80/2	100A 4
44	31.8	450	2.1	80/2	100A 4
44	32.3	457	0.9	60/2	100A 4
39	35.7	495	2.0	80/3	100A 4
39	35.7	495	0.8	60/3	100A 4
35	40.3	558	1.7	80/3	100A 4
35	40.6	563	3.5	100/3	100A 4
32	44.0	610	1.6	80/3	100A 4
31	45.2	626	3.2	100/3	100A 4
28	50.9	705	1.4	80/3	100A 4
27	52.8	732	2.7	100/3	100A 4
26	55.1	764	1.3	80/3	100A 4
25	56.7	786	2.5	100/3	100A 4
22	64.5	894	2.2	100/3	100A 4
21	65.7	910	1.1	80/3	100A 4
19.4	72.6	1006	3.3	120/3	100A 4
19.2	73.6	1020	1.9	100/3	100A 4
18.6	76.0	1053	0.9	80/3	100A 4
18.1	77.7	1077	3.1	120/3	100A 4
17.9	78.9	1093	1.8	100/3	100A 4
17.2	82.2	1139	2.9	120/3	100A 4
17.2	82.2	1139	0.8	80/3	100A 4
15.5	90.7	1257	2.6	120/3	100A 4
15.3	91.9	1274	1.6	100/3	100A 4
14.3	98.6	1366	1.5	100/3	100A 4
13.7	102.6	1422	2.3	120/3	100A 4
12.3	114.4	1585	2.1	120/3	100A 4
12.0	117.8	1632	1.2	100/3	100A 4
11.3	124.9	1731	1.9	120/3	100A 4

10.9	129.5	1795	1.1	100/3	100A 4
9.9	142.9	1980	1.7	120/3	100A 4
9.6	147.2	2040	1.0	100/3	100A 4
9.0	156.0	2162	1.5	120/3	100A 4
8.7	161.8	2242	0.9	100/3	100A 4
8.0	175.7	2435	1.4	120/3	100A 4
7.7	182.0	2522	1.3	120/3	100A 4
7.2	197.1	2731	1.2	120/3	100A 4
6.9	205.0	2841	1.2	120/3	100A 4
6.4	222.0	3076	1.1	120/3	100A 4
5.5	256.0	3548	0.9	120/3	100A 4
5.1	277.3	3843	0.9	120/3	100A 4

3 kW	$n_1 = 2840 \text{ min}^{-1}$ $n_1 = 1420 \text{ min}^{-1}$	90LB 2 100B 4
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2367	1.2	12	2.6	40/1	90LB 2
1893	1.5	15	2.4	40/1	90LB 2
1671	1.7	17	2.4	40/1	90LB 2
1420	2.0	20	2.3	40/1	90LB 2
1291	2.2	22	2.3	40/1	90LB 2
1183	1.2	23	1.3	40/1	100B 4
1092	1.3	25	2.2	50/1	100B 4
947	1.5	29	2.1	50/1	100B 4
947	1.5	29	1.2	40/1	100B 4
835	1.7	33	1.2	40/1	100B 4
789	1.8	35	2.3	50/1	100B 4
710	2.0	39	2.0	50/1	100B 4
710	2.0	39	1.1	40/1	100B 4
645	2.2	43	1.2	40/1	100B 4
568	2.5	49	1.6	50/1	100B 4
546	2.6	51	1.0	40/1	100B 4
526	2.7	53	3.2	60/1	100B 4
507	2.8	55	1.6	50/1	100B 4
490	2.9	57	3.0	60/1	100B 4
458	3.1	61	1.5	50/1	100B 4
430	3.3	65	1.4	50/1	100B 4
418	3.4	67	2.6	60/1	100B 4
394	3.6	70	2.4	60/1	100B 4
394	3.6	70	1.3	50/1	100B 4
364	3.9	76	1.2	50/1	100B 4
302	4.7	92	1.8	60/1	100B 4
296	4.8	94	3.5	80/1	100B 4
273	5.2	102	1.6	60/1	100B 4
268	5.3	104	3.2	80/1	100B 4
245	5.8	114	2.9	80/1	100B 4
241	5.9	115	1.3	60/1	100B 4
225	6.3	121	1.2	50/2	100B 4
222	6.4	125	2.6	80/1	100B 4
209	6.8	133	0.9	60/1	100B 4

192	7.4	142	1.1	50/2	100B 4
180	7.9	151	2.2	60/2	100B 4
171	8.3	159	1.0	50/2	100B 4
154	9.2	176	0.9	50/2	100B 4
141	10.1	194	1.9	60/2	100B 4
137	10.4	199	0.9	50/2	100B 4
126	11.3	217	1.7	60/2	100B 4
115	12.4	238	3.3	80/2	100B 4
115	12.4	238	1.6	60/2	100B 4
100	14.2	272	3.0	80/2	100B 4
99	14.3	274	1.4	60/2	100B 4
93	15.2	291	2.9	80/2	100B 4
92	15.5	297	1.4	60/2	100B 4
78	18.1	347	2.5	80/2	100B 4
78	18.3	351	1.1	60/2	100B 4
73	19.4	372	2.4	80/2	100B 4
72	19.7	378	1.0	60/2	100B 4
64	22.1	424	1.0	60/2	100B 4
63	22.7	435	2.1	80/2	100B 4
57	24.9	477	2.0	80/2	100B 4
56	25.3	485	0.9	60/2	100B 4
51	28.0	525	0.9	60/3	100B 4
49	28.9	554	1.7	80/2	100B 4
45	31.8	610	1.5	80/2	100B 4
44	32.5	610	3.3	100/3	100B 4
40	35.7	670	1.4	80/3	100B 4
39	36.4	683	2.9	100/3	100B 4
35	40.3	756	1.3	80/3	100B 4
35	40.6	762	2.6	100/3	100B 4
32	44.0	826	1.2	80/3	100B 4
31	45.2	848	2.3	100/3	100B 4
28	50.9	955	1.0	80/3	100B 4
27	52.8	991	2.0	100/3	100B 4
26	55.1	1034	0.9	80/3	100B 4
25	56.7	1064	1.9	100/3	100B 4
25	57.1	1071	3.1	120/3	100B 4
23	62.2	1167	2.8	120/3	100B 4
22	64.5	1210	1.6	100/3	100B 4
19.6	72.6	1362	2.4	120/3	100B 4
19.3	73.6	1381	1.4	100/3	100B 4
18.3	77.7	1458	2.3	120/3	100B 4
18.0	78.9	1480	1.3	100/3	100B 4
17.3	82.2	1542	2.1	120/3	100B 4
15.7	90.7	1702	1.9	120/3	100B 4
15.5	91.9	1724	1.2	100/3	100B 4
14.4	98.6	1850	1.1	100/3	100B 4
13.8	102.6	1925	1.7	120/3	100B 4
12.4	114.4	2147	1.5	120/3	100B 4
12.1	117.8	2210	0.9	100/3	100B 4
11.4	124.9	2344	1.4	120/3	100B 4
11.0	129.5	2430	0.8	100/3	100B 4
9.9	142.9	2681	1.2	120/3	100B 4
9.1	156.0	2927	1.1	120/3	100B 4
8.1	175.7	3297	1.0	120/3	100B 4



2.7 Prestazioni motoriduttori

n_2 min ⁻¹	ir	T2 Nm	FS'	AM AC	
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3 kW		$n_1=2840 \text{ min}^{-1}$ $n_1=1420 \text{ min}^{-1}$	90LB 2 100B 4
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7.8	182.0	3415	1.0	120/3	100B 4
7.2	197.1	3698	0.9	120/3	100B 4
6.9	205.0	3847	0.9	120/3	100B 4

4 kW		$n_1=2860 \text{ min}^{-1}$ $n_1=1410 \text{ min}^{-1}$	100B 2 100BL 4
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2383	1.2	16	1.9	40/1	100B 2
2200	1.3	17	3.3	50/1	100B 2
1907	1.5	19	3.2	50/1	100B 2
1907	1.5	19	1.8	40/1	100B 2
1682	1.7	22	1.8	40/1	100B 2
1589	1.8	23	3.4	50/1	100B 2
1430	2.0	26	3.1	50/1	100B 2
1430	2.0	26	1.7	40/1	100B 2
1300	2.2	29	1.8	40/1	100B 2
1175	1.2	32	1.0	40/1	100BL 4
1085	1.3	34	1.6	50/1	100BL 4
940	1.5	39	1.6	50/1	100BL 4
940	1.5	39	0.9	40/1	100BL 4
881	1.6	42	3.3	60/1	100BL 4
829	1.7	45	0.9	40/1	100BL 4
783	1.8	47	3.1	60/1	100BL 4
783	1.8	47	1.7	50/1	100BL 4
705	2.0	53	1.5	50/1	100BL 4
705	2.0	53	0.9	40/1	100BL 4
671	2.1	55	2.9	60/1	100BL 4
641	2.2	58	0.9	40/1	100BL 4
588	2.4	63	2.7	60/1	100BL 4
564	2.5	66	1.2	50/1	100BL 4
522	2.7	71	2.4	60/1	100BL 4
504	2.8	74	1.2	50/1	100BL 4
486	2.9	76	2.2	60/1	100BL 4
455	3.1	81	1.1	50/1	100BL 4
427	3.3	87	1.0	50/1	100BL 4
415	3.4	89	1.9	60/1	100BL 4
392	3.6	95	3.5	80/1	100BL 4
392	3.6	95	1.8	60/1	100BL 4
392	3.6	95	1.0	50/1	100BL 4
362	3.9	102	0.9	50/1	100BL 4
300	4.7	124	1.4	60/1	100BL 4
294	4.8	126	2.6	80/1	100BL 4
271	5.2	137	1.2	60/1	100BL 4
266	5.3	139	2.4	80/1	100BL 4
243	5.8	152	2.2	80/1	100BL 4
239	5.9	155	0.9	60/1	100BL 4
224	6.3	162	0.9	50/2	100BL 4
220	6.4	168	2.0	80/1	100BL 4
191	7.4	190	0.8	50/2	100BL 4
181	7.8	201	3.5	80/2	100BL 4

2.7 Gearmotors performances

n_2 min ⁻¹	ir	T2 Nm	FS'	AM AC	
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4 kW		$n_1=2860 \text{ min}^{-1}$ $n_1=1410 \text{ min}^{-1}$	100B 2 100BL 4
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178	7.9	203	1.7	60/2	100BL 4
162	8.7	224	3.3	80/2	100BL 4
158	8.9	229	1.5	60/2	100BL 4
141	10.0	257	2.9	80/2	100BL 4
140	10.1	260	1.4	60/2	100BL 4
127	11.1	286	2.7	80/2	100BL 4
125	11.3	291	1.3	60/2	100BL 4
114	12.4	319	2.5	80/2	100BL 4
114	12.4	319	1.2	60/2	100BL 4
99	14.2	365	2.2	80/2	100BL 4
93	15.2	391	2.1	80/2	100BL 4
91	15.5	399	1.0	60/2	100BL 4
78	18.1	466	1.9	80/2	100BL 4
77	18.3	471	0.8	60/2	100BL 4
73	19.4	499	1.8	80/2	100BL 4
62	22.7	584	1.6	80/2	100BL 4
57	24.9	641	1.5	80/2	100BL 4
49	28.9	744	1.3	80/2	100BL 4
48	29.1	733	2.7	100/3	100BL 4
44	31.8	818	1.1	80/2	100BL 4
43	32.5	819	2.4	100/3	100BL 4
39	35.7	899	1.1	80/3	100BL 4
39	36.4	917	2.2	100/3	100BL 4
35	40.3	1015	1.0	80/3	100BL 4
35	40.6	1023	1.9	100/3	100BL 4
35	40.7	1025	3.2	120/3	100BL 4
32	44.0	1109	0.9	80/3	100BL 4
31	45.2	1139	1.7	100/3	100BL 4
31	45.7	1151	2.9	120/3	100BL 4
28	50.9	1282	2.6	120/3	100BL 4
27	52.8	1330	1.5	100/3	100BL 4
25	56.7	1429	1.4	100/3	100BL 4
25	57.1	1439	2.3	120/3	100BL 4
23	62.2	1567	2.1	120/3	100BL 4
22	64.5	1625	1.2	100/3	100BL 4
19.4	72.6	1829	1.8	120/3	100BL 4
19.2	73.6	1854	1.1	100/3	100BL 4
18.1	77.7	1958	1.7	120/3	100BL 4
17.9	78.9	1988	1.0	100/3	100BL 4
17.2	82.2	2071	1.6	120/3	100BL 4
15.5	90.7	2285	1.4	120/3	100BL 4
15.3	91.9	2315	0.9	100/3	100BL 4
13.7	102.6	2585	1.3	120/3	100BL 4
12.3	114.4	2882	1.1	120/3	100BL 4
11.3	124.9	3147	1.0	120/3	100BL 4
9.9	142.9	3600	0.9	120/3	100BL 4
9.0	156.0	3931	0.8	120/3	100BL 4

2.7 Leistungen der Getriebemotoren

n_2 min ⁻¹	ir	T2 Nm	FS'	AM AC	
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5.5 kW		$n_1=2880 \text{ min}^{-1}$ $n_1=1440 \text{ min}^{-1}$ $n_1=1400 \text{ min}^{-1}$	112B 2 132S 4 112BL 4
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2400	1.2	21	1.4	40/1*	112B 2
2215	1.3	23	2.4	50/1	112B 2
1920	1.5	27	2.4	50/1	112B 2
1920	1.5	27	1.3	40/1*	112B 2
1694	1.7	30	1.3	40/1*	112B 2
1600	1.8	32	2.5	50/1	112B 2
1440	2.0	35	2.3	50/1	112B 2
1440	2.0	35	1.3	40/1*	112B 2
1309	2.2	39	1.3	40/1*	112B 2
1077	1.3	47	2.7	60/1	112BL 4
1077	1.3	47	1.2	50/1	112BL 4
933	1.5	55	1.2	50/1	112BL 4
875	1.6	58	2.4	60/1	112BL 4
778	1.8	66	2.2	60/1	112BL 4
778	1.8	66	1.2	50/1	112BL 4
700	2.0	73	1.1	50/1	112BL 4
667	2.1	76	2.1	60/1	112BL 4
583	2.4	87	1.9	60/1	112BL 4
560	2.5	91	0.9	50/1	112BL 4
519	2.7	98	3.4	80/1	112BL 4
519	2.7	98	1.7	60/1	112BL 4
500	2.8	102	0.8	50/1	112BL 4
483	2.9	106	3.1	80/1	112BL 4
483	2.9	106	1.6	60/1	112BL 4
424	3.3	120	2.7	80/1	112BL 4
412	3.4	124	1.4	60/1	112BL 4
389	3.6	131	2.5	80/1	112BL 4
389	3.6	131	1.3	60/1	112BL 4
298	4.7	171	1.0	60/1	112BL 4
292	4.8	175	1.9	80/1	112BL 4
269	5.2	189	0.9	60/1	112BL 4
264	5.3	193	1.7	80/1	112BL 4
241	5.8	211	1.6	80/1	112BL 4
219	6.4	233	1.4	80/1	112BL 4
209	6.9	244	2.0	100/1	132S 4
192	7.5	265	1.8	100/1	132S 4
179	7.8	278	2.5	80/2	112BL 4
177	7.9	282	1.2	60/2	112BL 4
161	8.7	310	2.3	80/2	112BL 4
157	8.9	317	1.1	60/2	112BL 4
140	10.0	356	2.1	80/2	112BL 4
139	10.1	360	1.0	60/2	112BL 4
126	11.1	396	1.9	80/2	112BL 4
113	12.4	442	1.8	80/2	112BL 4
113	12.4	442	0.8	60/2	112BL 4
99	14.2	506	1.6	80/2	112BL 4
92	15.2	542	1.6	80/2	112BL 4
91	15.9	551	3.1	100/2	132S 4
82	17.6	610	2.9	100/2	132S 4
77	18.1	645	1.3	80/2	112BL 4
72	19.9	690	2.6	100/2	132S 4
72	19.4	691	1.3	80/2	112BL 4
65	22.2	769	2.4	100/2	132S 4



2.7 Prestazioni motoriduttori

2.7 Gearmotors performances

2.7 Leistungen der Getriebemotoren

n_2 min ⁻¹	ir	T2 Nm	FS'	AM AC	
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5.5 kW	$n_1 = 2880\text{ min}^{-1}$ $n_1 = 1440\text{ min}^{-1}$ $n_1 = 1400\text{ min}^{-1}$	112B 2 132S 4 112BL 4
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62	22.7	809	1.1	80/2	112BL 4
60	24.2	839	2.3	100/2	132S 4
56	24.9	887	1.1	80/2	112BL 4
48	28.9	1030	0.9	80/2	112BL 4
44	31.8	1133	0.8	80/2	112BL 4
43	32.5	1134	1.8	100/3	112BL 4
41	35.3	1223	1.6	100/2	132S 4
39	37.0	1282	2.3	120/2	132S 4
38	38.3	1327	1.5	100/2	132S 4
34	40.6	1417	1.4	100/3	112BL 4
34	40.7	1420	2.3	120/3	112BL 4
31	45.2	1577	1.3	100/3	112BL 4
31	45.7	1595	2.1	120/3	112BL 4
28	50.9	1776	1.9	120/3	112BL 4
27	52.8	1842	1.1	100/3	112BL 4
25	56.7	1978	1.0	100/3	112BL 4
25	57.1	1992	1.7	120/3	112BL 4
23	62.2	2170	1.5	120/3	112BL 4
22	64.5	2251	0.9	100/3	112BL 4
19.3	72.6	2533	1.3	120/3	112BL 4
18.0	77.7	2711	1.2	120/3	112BL 4
15.4	90.7	3165	1.0	120/3	112BL 4
13.6	102.6	3580	0.9	120/3	112BL 4
12.2	114.4	3992	0.8	120/3	112BL 4

7.5 kW	$n_1 = 2890\text{ min}^{-1}$ $n_1 = 2860\text{ min}^{-1}$ $n_1 = 1440\text{ min}^{-1}$	132SL 2 112BL 2 132M 4
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2383	1.2	29	1.0	40/1*	112BL 2
2200	1.3	32	1.7	50/1*	112BL 2
1907	1.5	36	1.7	50/1*	112BL 2
1907	1.5	36	1.0	40/1*	112BL 2
1682	1.7	41	1.0	40/1*	112BL 2
1606	1.8	43	3.4	60/1	132SL 2
1589	1.8	44	3.3	60/1	112BL 2
1589	1.8	44	1.8	50/1*	112BL 2
1430	2.0	49	1.6	50/1*	112BL 2
1430	2.0	49	0.9	40/1*	112BL 2
1362	2.1	51	3.1	60/1	112BL 2
1300	2.2	53	0.9	40/1*	112BL 2
1204	2.4	58	2.9	60/1	132SL 2
1144	2.5	61	1.3	50/1*	112BL 2
1108	1.3	63	2.1	60/1	132M 4
1059	2.7	66	2.6	60/1	112BL 2
1021	2.8	68	1.2	50/1*	112BL 2
986	2.9	70	2.4	60/1	112BL 2
923	3.1	75	1.2	50/1*	112BL 2
800	1.8	87	3.2	80/1	132M 4
800	1.8	87	1.7	60/1	132M 4
794	3.6	87	1.0	50/1*	112BL 2
733	3.9	95	0.9	50/1*	112BL 2
720	2.0	96	3.2	80/1	132M 4

n_2 min ⁻¹	ir	T2 Nm	FS'	AM AC	
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7.5 kW	$n_1 = 2890\text{ min}^{-1}$ $n_1 = 2860\text{ min}^{-1}$ $n_1 = 1440\text{ min}^{-1}$	132SL 2 112BL 2 132M 4
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686	2.1	101	1.6	60/1	132M 4
600	2.4	116	2.8	80/1	132M 4
600	2.4	116	1.5	60/1	132M 4
533	2.7	130	2.5	80/1	132M 4
533	2.7	130	1.3	60/1	132M 4
497	2.9	140	2.4	80/1	132M 4
497	2.9	140	1.2	60/1	132M 4
436	3.3	159	2.1	80/1	132M 4
424	3.4	164	1.0	60/1	132M 4
400	3.6	174	1.9	80/1	132M 4
400	3.6	174	1.0	60/1	132M 4
369	3.9	188	3.2	100/1	132M 4
362	7.9	188	1.5	60/2	112BL 2
321	8.9	212	1.4	60/2	112BL 2
300	4.8	232	1.4	80/1	132M 4
272	5.3	256	1.3	80/1	132M 4
267	5.4	261	2.0	100/1	132M 4
253	11.3	269	1.1	60/2	112BL 2
248	5.8	280	1.2	80/1	132M 4
244	5.9	285	1.9	100/1	132M 4
231	12.4	295	1.1	60/2	112BL 2
225	6.4	309	1.1	80/1	132M 4
209	6.9	333	1.4	100/1	132M 4
200	14.3	340	1.0	60/2	112BL 2
192	7.5	362	1.3	100/1	132M 4
185	7.8	369	1.9	80/2	132M 4
182	7.9	373	0.9	60/2	132M 4
166	8.7	411	1.8	80/2	132M 4
162	8.9	421	3.6	100/2	132M 4
162	8.9	421	0.8	60/2	132M 4
145	9.9	468	3.3	100/2	132M 4
144	10.0	473	1.6	80/2	132M 4
130	11.1	525	3.0	100/2	132M 4
130	11.1	525	1.5	80/2	132M 4
119	12.1	572	2.8	100/2	132M 4
116	12.4	586	1.3	80/2	132M 4
102	14.1	666	2.5	100/2	132M 4
101	14.2	671	1.2	80/2	132M 4
95	15.2	718	1.2	80/2	132M 4
91	15.9	751	2.3	100/2	132M 4
82	17.6	832	2.1	100/2	132M 4
80	18.1	855	1.0	80/2	132M 4
75	19.3	912	3.3	120/2	132M 4
74	19.4	917	1.0	80/2	132M 4
72	19.9	940	1.9	100/2	132M 4
69	21.0	992	3.0	120/2	132M 4
65	22.1	1044	2.9	120/2	132M 4
65	22.2	1049	1.8	100/2	132M 4
63	22.7	1073	0.8	80/2	132M 4
62	23.1	1092	2.7	120/2	132M 4
60	24.0	1134	2.6	120/2	132M 4
60	24.2	1144	1.7	100/2	132M 4
53	27.0	1276	2.4	120/2	132M 4
51	28.3	1337	1.4	100/2	132M 4

n_2 min ⁻¹	ir	T2 Nm	FS'	AM AC	
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7.5 kW	$n_1 = 2890\text{ min}^{-1}$ $n_1 = 2860\text{ min}^{-1}$ $n_1 = 1440\text{ min}^{-1}$	132SL 2 112BL 2 132M 4
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50	28.9	1366	2.2	120/2	132M 4
49	29.1	1346	1.5	100/3	132M 4
49	29.6	1399	2.1	120/2	132M 4
48	30.3	1432	1.3	100/2	132M 4
44	32.5	1503	1.3	100/3	132M 4
43	33.7	1592	1.9	120/2	132M 4
41	35.3	1668	1.2	100/2	132M 4
40	36.4	1684	1.2	100/3	132M 4
39	37.0	1748	1.7	120/2	132M 4
38	38.3	1810	1.1	100/2	132M 4
35	40.6	1878	1.1	100/3	132M 4
35	40.7	1883	1.8	120/3	132M 4
32	45.2	2091	0.9	100/3	132M 4
32	45.7	2114	1.6	120/3	132M 4
28	50.9	2355	1.4	120/3	132M 4
27	52.8	2442	0.8	100/3	132M 4
25	57.1	2641	1.2	120/3	132M 4
23	62.2	2877	1.1	120/3	132M 4
19.8	72.6	3358	1.0	120/3	132M 4
18.5	77.7	3594	0.9	120/3	132M 4
17.5	82.2	3802	0.9	120/3	132M 4

9.2 kW	$n_1 = 1450\text{ min}^{-1}$	132ML 4
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1115	1.3	76	1.7	60/1*	132ML 4
1036	1.4	82	3.3	80/1	132ML 4
906	1.6	94	1.5	60/1*	132ML 4
806	1.8	106	2.6	80/1	132ML 4
806	1.8	106	1.4	60/1*	132ML 4
725	2.0	118	2.6	80/1	132ML 4
690	2.1	123	1.3	60/1*	132ML 4
604	2.4	141	2.3	80/1	132ML 4
604	2.4	141	1.2	60/1*	132ML 4
537	2.7	159	2.1	80/1	132ML 4
537	2.7	159	1.1	60/1*	132ML 4
500	2.9	170	1.9	80/1	132ML 4
500	2.9	170	1.0	60/1*	132ML 4
439	3.3	194	1.7	80/1	132ML 4
426	3.4	200	0.9	60/1*	132ML 4
403	3.6	212	1.6	80/1	132ML 4
403	3.6	212	0.8	60/1*	132ML 4
372	3.9	229	2.6	100/1	132ML 4
302	4.8	282	1.2	80/1	132ML 4
250	5.8	341	1.0	80/1	132ML 4
246	5.9	347	1.5	100/1	132ML 4
227	6.4	376	0.9	80/1	132ML 4
210	6.9	406	1.2	100/1	132ML 4
186	7.8	449	1.6	80/2	132ML 4
184	7.9	455	3.2	100/2	132ML 4
167	8.7	501	1.5	80/2	132ML 4



2.7 Prestazioni motoriduttori

2.7 Gearmotors performances

2.7 Leistungen der Getriebemotoren

n_2 min ⁻¹	ir	T2 Nm	FS'	AM AC	
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9.2 kW	$n_1 = 1450 \text{ min}^{-1}$	132ML 4
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n_2 min ⁻¹	ir	T2 Nm	FS'	AM AC	
163	8.9	512	2.9	100/2	132ML 4
146	9.9	570	2.7	100/2	132ML 4
145	10.0	576	1.3	80/2	132ML 4
131	11.1	639	2.5	100/2	132ML 4
131	11.1	639	1.2	80/2	132ML 4
120	12.1	697	2.3	100/2	132ML 4
117	12.4	714	1.1	80/2	132ML 4
103	14.1	812	2.1	100/2	132ML 4
102	14.2	817	1.0	80/2	132ML 4
95	15.2	875	1.0	80/2	132ML 4
91	15.9	915	1.9	100/2	132ML 4
82	17.6	1013	1.8	100/2	132ML 4
82	17.7	1019	2.9	120/2	132ML 4
80	18.1	1042	0.8	80/2	132ML 4
73	19.9	1146	1.6	100/2	132ML 4
65	22.2	1278	1.5	100/2	132ML 4
63	23.1	1330	2.3	120/2	132ML 4
51	28.3	1629	1.2	100/2	132ML 4
50	28.9	1664	1.8	120/2	132ML 4
43	33.7	1940	1.5	120/2	132ML 4
41	35.3	2032	0.9	100/2	132ML 4
36	40.6	2288	0.9	100/3	132ML 4
36	40.7	2294	1.4	120/3	132ML 4
28	50.9	2868	1.2	120/3	132ML 4
23	62.2	3505	0.9	120/3	132ML 4

11 kW	$n_1 = 2940 \text{ min}^{-1}$ $n_1 = 1455 \text{ min}^{-1}$	132M 2 160M 4
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n_2 min ⁻¹	ir	T2 Nm	FS'	AM AC	
2450	1.2	42	6.3	80/1	132M 2
2262	1.3	45	2.9	60/1*	132M 2
1838	1.6	55	2.5	60/1*	132M 2
1633	1.8	62	2.3	60/1*	132M 2
1400	2.1	73	2.2	60/1*	132M 2
1225	2.4	83	2.0	60/1*	132M 2
1213	1.2	84	3.1	80/1	160M 4
1089	2.7	94	3.5	80/1	132M 2
1089	2.7	94	1.8	60/1*	132M 2
1039	1.4	98	2.8	80/1	160M 4
1014	2.9	101	1.7	60/1*	132M 2
891	3.3	114	2.9	80/1	132M 2
865	3.4	118	1.4	60/1*	132M 2
808	1.8	126	2.2	80/1	160M 4
728	2.0	140	2.2	80/1	160M 4
626	4.7	163	1.0	60/1*	132M 2
606	2.4	168	2.0	80/1	160M 4
565	5.2	180	0.9	60/1*	132M 2
539	2.7	189	1.7	80/1	160M 4
502	2.9	203	1.6	80/1	160M 4
485	3.0	210	2.9	100/1	160M 4
441	3.3	231	1.4	80/1	160M 4

n_2 min ⁻¹	ir	T2 Nm	FS'	AM AC	
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11 kW	$n_1 = 2940 \text{ min}^{-1}$ $n_1 = 1455 \text{ min}^{-1}$	132M 2 160M 4
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n_2 min ⁻¹	ir	T2 Nm	FS'	AM AC	
416	3.5	245	2.4	100/1	160M 4
404	3.6	252	1.3	80/1	160M 4
373	3.9	273	2.2	100/1	160M 4
372	7.9	268	1.1	60/2*	132M 2
338	8.7	295	2.1	80/2	132M 2
330	8.9	302	1.0	60/2*	132M 2
303	4.8	336	1.0	80/1	160M 4
275	5.3	371	0.9	80/1	160M 4
269	5.4	378	1.4	100/1	160M 4
265	11.1	377	1.7	80/2	132M 2
251	5.8	406	0.8	80/1	160M 4
247	5.9	413	1.3	100/1	160M 4
211	6.9	473	2.9	100/2	160M 4
211	6.9	483	1.0	100/1	160M 4
194	7.5	514	2.7	100/2	160M 4
194	7.5	525	0.9	100/1	160M 4
187	7.8	535	1.3	80/2	160M 4
184	7.9	542	2.7	100/2	160M 4
167	8.7	597	1.2	80/2	160M 4
163	8.9	610	2.4	100/2	160M 4
147	9.9	679	2.3	100/2	160M 4
146	10.0	686	1.1	80/2	160M 4
137	10.6	727	3.1	120/2	160M 4
131	11.1	761	2.1	100/2	160M 4
131	11.1	761	1.0	80/2	160M 4
120	12.1	830	1.9	100/2	160M 4
117	12.4	851	0.9	80/2	160M 4
103	14.1	967	3.1	120/2	160M 4
103	14.1	967	1.7	100/2	160M 4
102	14.2	974	0.8	80/2	160M 4
96	15.2	1043	0.8	80/2	160M 4
92	15.9	1091	1.6	100/2	160M 4
83	17.6	1207	1.5	100/2	160M 4
82	17.7	1214	2.5	120/2	160M 4
75	19.3	1324	2.3	120/2	160M 4
73	19.9	1365	1.3	100/2	160M 4
66	22.1	1516	2.0	120/2	160M 4
66	22.2	1523	1.2	100/2	160M 4
61	24.0	1646	1.8	120/2	160M 4
60	24.2	1660	1.2	100/2	160M 4
51	28.3	1941	1.0	100/2	160M 4
50	28.9	1982	1.5	120/2	160M 4
43	33.7	2311	1.3	120/2	160M 4
39	37.0	2538	1.2	120/2	160M 4
32	90.7	3014	1.0	120/3	132M 2

n_2 min ⁻¹	ir	T2 Nm	FS'	AM AC	
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15 kW	$n_1 = 2930 \text{ min}^{-1}$ $n_1 = 2900 \text{ min}^{-1}$ $n_1 = 1455 \text{ min}^{-1}$	160MB 2 132ML 2 160L 4
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n_2 min ⁻¹	ir	T2 Nm	FS'	AM AC	
2442	1.2	57	4.6	80/1*	160MB 2
2231	1.3	62	2.1	60/1*	132ML 2
1813	1.6	77	1.8	60/1*	132ML 2
1611	1.8	86	3.2	80/1*	132ML 2
1611	1.8	86	1.7	60/1*	132ML 2
1450	2.0	96	3.2	80/1*	132ML 2
1381	2.1	101	1.6	60/1*	132ML 2
1213	1.2	115	2.3	80/1*	160L 4
1208	2.4	115	1.5	60/1*	132ML 2
1074	2.7	129	1.3	60/1*	132ML 2
1039	1.4	134	2.0	80/1*	160L 4
879	3.3	158	2.1	80/1*	132ML 2
853	3.4	163	1.0	60/1*	132ML 2
808	1.8	172	1.6	80/1*	160L 4
806	3.6	172	1.0	60/1*	132ML 2
766	1.9	181	2.7	100/1	160L 4
728	2.0	191	1.6	80/1*	160L 4
661	2.2	210	2.9	100/1	160L 4
606	2.4	229	1.4	80/1*	160L 4
539	2.7	258	1.3	80/1*	160L 4
502	2.9	277	1.2	80/1*	160L 4
485	3.0	287	2.1	100/1	160L 4
441	3.3	315	1.0	80/1*	160L 4
416	3.5	334	1.8	100/1	160L 4
404	3.6	344	1.0	80/1*	160L 4
393	3.7	346	3.5	100/2	160L 4
373	3.9	372	1.6	100/1	160L 4
372	7.8	366	1.6	80/2*	132ML 2
333	8.7	408	1.5	80/2*	132ML 2
297	4.9	458	2.8	100/2	160L 4
290	10.0	469	1.3	80/2*	132ML 2
269	5.4	516	1.0	100/1	160L 4
261	11.1	521	2.5	100/2	132ML 2
261	11.1	521	1.2	80/2*	132ML 2
247	5.9	563	0.9	100/1	160L 4
239	6.1	571	3.5	120/2	160L 4
234	12.4	582	1.1	80/2*	132ML 2
211	6.9	645	2.1	100/2	160L 4
194	7.5	701	2.0	100/2	160L 4
189	7.7	720	3.1	120/2	160L 4
187	7.8	730	1.0	80/2*	160L 4
171	8.5	795	3.1	120/2	160L 4
167	8.7	814	0.9	80/2*	160L 4
163	8.9	832	1.8	100/2	160L 4
147	9.9	926	1.7	100/2	160L 4
137	10.6	991	2.3	120/2	160L 4
131	11.1	1038	1.5	100/2	160L 4
127	11.5	1076	2.8	120/2	160L 4
120	12.1	1132	1.4	100/2	160L 4
103	14.1	1319	2.3	120/2	160L 4
103	14.1	1319	1.3	100/2	160L 4
92	15.9	1487	1.2	100/2	160L 4
83	17.6	1646	1.1	100/2	160L 4
82	17.7	1655	1.8	120/2	160L 4



2.7 Prestazioni motoriduttori

n_2 min ⁻¹	ir	T2 Nm	FS'	AM AC	
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15 kW	$n_1 = 2930 \text{ min}^{-1}$ $n_1 = 2900 \text{ min}^{-1}$ $n_1 = 1455 \text{ min}^{-1}$	160MB 2 132ML 2 160L 4
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75	19.3	1805	1.7	120/2	160L 4
73	19.9	1861	1.0	100/2	160L 4
69	21.0	1964	1.5	120/2	160L 4
66	22.1	2067	1.5	120/2	160L 4
66	22.2	2076	0.9	100/2	160L 4
63	23.1	2161	1.4	120/2	160L 4
61	24.0	2245	1.3	120/2	160L 4
60	24.2	2263	0.9	100/2	160L 4
54	27.0	2525	1.2	120/2	160L 4
50	28.9	2703	1.1	120/2	160L 4
49	29.6	2769	1.1	120/2	160L 4
43	33.7	3152	1.0	120/2	160L 4
39	37.0	3461	0.9	120/2	160L 4

18.5 kW	$n_1 = 2910 \text{ min}^{-1}$ $n_1 = 1460 \text{ min}^{-1}$ $n_1 = 970 \text{ min}^{-1}$	160L 2 180M 4 200L 6
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2425	1.2	71	3.7	80/1*	160L 2
2079	1.4	82	3.3	80/1*	160L 2
1617	1.8	106	2.6	80/1*	160L 2
1455	2.0	118	2.6	80/1*	160L 2
1213	2.4	141	2.3	80/1*	160L 2
1123	1.3	153	3.1	100/1	180M 4
882	3.3	194	1.7	80/1*	160L 2
808	3.6	212	1.6	80/1*	160L 2
768	1.9	223	2.2	100/1	180M 4
664	2.2	258	2.3	100/1	180M 4
606	4.8	283	1.2	80/1*	160L 2
549	5.3	312	1.1	80/1*	160L 2
539	5.4	318	1.7	100/1	160L 2
502	5.8	342	1.0	80/1*	160L 2
487	3.0	352	1.7	100/1	180M 4
455	6.4	377	0.9	80/1*	160L 2
417	3.5	411	1.5	100/1	180M 4
395	3.7	425	2.9	100/2	180M 4
374	3.9	458	1.3	100/1	180M 4
373	7.8	450	1.3	80/2*	160L 2
334	8.7	502	1.2	80/2*	160L 2
298	4.9	563	2.3	100/2	180M 4
291	10.0	577	1.1	80/2*	160L 2
281	5.2	598	3.0	120/2	180M 4
270	5.4	634	0.8	100/1	180M 4
262	11.1	640	1.0	80/2*	160L 2
239	6.1	701	2.9	120/2	180M 4
212	6.9	793	1.7	100/2	180M 4
195	7.5	862	1.6	100/2	180M 4
190	7.7	885	2.5	120/2	180M 4
185	7.9	908	1.6	100/2	180M 4
172	8.5	977	2.6	120/2	180M 4
164	8.9	1023	1.5	100/2	180M 4
147	9.9	1138	1.3	100/2	180M 4

2.7 Gearmotors performances

n_2 min ⁻¹	ir	T2 Nm	FS'	AM AC	
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18.5 kW	$n_1 = 2910 \text{ min}^{-1}$ $n_1 = 1460 \text{ min}^{-1}$ $n_1 = 970 \text{ min}^{-1}$	160L 2 180M 4 200L 6
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138	10.6	1219	1.9	120/2	180M 4
132	11.1	1276	1.2	100/2	180M 4
127	11.5	1322	2.3	120/2	180M 4
121	12.1	1391	1.2	100/2	180M 4
104	14.1	1621	1.9	120/2	180M 4
104	14.1	1621	1.0	100/2	180M 4
92	15.9	1828	0.9	100/2	180M 4
83	17.6	2023	0.9	100/2	180M 4
82	17.7	2035	1.5	120/2	180M 4
70	21.0	2414	1.2	120/2	180M 4
61	24.0	2759	1.1	120/2	180M 4
51	28.9	3322	0.9	120/2	180M 4
46	21.0	3634	0.8	120/2	200L 6

22 kW	$n_1 = 2925 \text{ min}^{-1}$ $n_1 = 1460 \text{ min}^{-1}$ $n_1 = 975 \text{ min}^{-1}$	180M 2 180L 4 200L 6
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2250	1.3	91	5.3	100/1*	180M 2
1539	1.9	132	3.7	100/1*	180M 2
1330	2.2	153	3.9	100/1*	180M 2
1219	2.4	164	5.6	100/2	180M 2
1123	1.3	181	2.6	100/1*	180L 4
1083	2.7	184	5.2	100/2	180M 2
975	3.0	209	2.9	100/1*	180M 2
836	3.5	244	2.5	100/1*	180M 2
768	1.9	265	1.8	100/1*	180L 4
664	2.2	307	2.0	100/1*	180L 4
608	2.4	328	3.3	100/2	180L 4
541	2.7	369	3.1	100/2	180L 4
487	3.0	419	1.4	100/1*	180L 4
417	3.5	489	1.2	100/1*	180L 4
395	3.7	506	2.4	100/2	180L 4
374	3.9	533	3.2	120/2	180L 4
374	3.9	544	1.1	100/1*	180L 4
298	4.9	670	1.9	100/2	180L 4
281	5.2	711	2.5	120/2	180L 4
239	6.1	834	2.4	120/2	180L 4
212	6.9	943	1.4	100/2	180L 4
195	7.5	1025	1.4	100/2	180L 4
190	7.7	1053	2.1	120/2	180L 4
185	7.9	1080	1.3	100/2	180L 4
172	8.5	1162	2.2	120/2	180L 4
164	8.9	1217	1.2	100/2	180L 4
147	9.9	1353	1.1	100/2	180L 4
138	10.6	1449	1.6	120/2	180L 4
132	11.1	1517	1.0	100/2	180L 4
127	11.5	1572	1.9	120/2	180L 4
121	12.1	1654	1.0	100/2	180L 4
104	14.1	1928	1.6	120/2	180L 4
104	14.1	1928	0.9	100/2	180L 4
92	10.6	2170	1.4	120/2	200L 6

2.7 Leistungen der Getriebemotoren

n_2 min ⁻¹	ir	T2 Nm	FS'	AM AC	
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22 kW	$n_1 = 2925 \text{ min}^{-1}$ $n_1 = 1460 \text{ min}^{-1}$ $n_1 = 975 \text{ min}^{-1}$	180M 2 180L 4 200L 6
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82	17.7	2420	1.2	120/2	180L 4
76	19.3	2638	1.1	120/2	180L 4
70	21.0	2871	1.0	120/2	180L 4
66	22.1	3021	1.0	120/2	180L 4
61	24.0	3281	0.9	120/2	180L 4
54	27.0	3691	0.8	120/2	180L 4

30 kW	$n_1 = 2945 \text{ min}^{-1}$ $n_1 = 1465 \text{ min}^{-1}$	200L 2 200L 4
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2265	1.3	123	3.9	100/1*	200L 2
1550	1.9	179	2.7	100/1*	200L 2
1339	2.2	208	2.9	100/1*	200L 2
1227	2.4	222	4.1	100/2*	200L 2
1127	1.3	247	1.9	100/1*	200L 4
1091	2.7	250	3.8	100/2*	200L 2
982	3.0	283	2.1	100/1*	200L 2
841	3.5	330	1.8	100/1*	200L 2
796	3.7	342	3.0	100/2*	200L 2
771	1.9	360	1.4	100/1*	200L 4
666	2.2	417	1.4	100/1*	200L 4
610	2.4	446	2.4	100/2*	200L 4
543	2.7	502	2.3	100/2*	200L 4
523	2.8	520	3.3	120/2	200L 4
488	3.0	569	1.1	100/1*	200L 4
419	3.5	664	0.9	100/1*	200L 4
396	3.7	687	1.8	100/2*	200L 4
376	3.9	725	2.3	120/2	200L 4
376	3.9	740	0.8	100/1*	200L 4
299	4.9	910	1.4	100/2*	200L 4
282	5.2	966	1.9	120/2	200L 4
240	6.1	1133	1.8	120/2	200L 4
212	6.9	1282	1.1	100/2*	200L 4
195	7.5	1393	1.0	100/2*	200L 4
190	7.7	1431	1.5	120/2	200L 4
185	7.9	1468	1.0	100/2*	200L 4
172	8.5	1579	1.6	120/2	200L 4
165	8.9	1653	0.9	100/2*	200L 4
148	9.9	1839	0.8	100/2*	200L 4
138	10.6	1969	1.2	120/2	200L 4
127	11.5	2137	1.4	120/2	200L 4
104	14.1	2620	1.1	120/2	200L 4
83	17.7	3288	0.9	120/2	200L 4



2.7 Prestazioni motoriduttori

n_2 min ⁻¹	ir	T2 Nm	FS'	AM AC	
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37 kW	$n_1 = 2950 \text{ min}^{-1}$	200L 2
	$n_1 = 1475 \text{ min}^{-1}$	225S 4

2269	1.3	151	3.2	100/1*	200L 2
1553	1.9	221	2.2	100/1*	200L 2
1341	2.2	256	2.3	100/1*	200L 2
1229	2.4	273	3.3	100/2*	200L 2
1093	2.7	307	3.1	100/2*	200L 2
983	3.0	349	1.7	100/1*	200L 2
843	3.5	407	1.5	100/1*	200L 2
797	3.7	421	2.4	100/2*	200L 2
756	3.9	453	1.3	100/1*	200L 2
602	4.9	558	1.9	100/2*	200L 2
567	5.2	592	2.5	120/2*	200L 2
546	5.4	627	0.8	100/1*	200L 2
527	2.8	637	2.7	120/2*	225S 4
484	6.1	694	2.3	120/2*	200L 2
428	6.9	785	1.4	100/2*	200L 2
393	7.5	853	1.4	100/2*	200L 2
378	3.9	888	1.9	120/2*	225S 4
331	8.9	1013	1.2	100/2*	200L 2
284	5.2	1183	1.5	120/2*	225S 4
244	12.1	1377	1.0	100/2*	200L 2
242	6.1	1388	1.4	120/2*	225S 4
192	7.7	1752	1.3	120/2*	225S 4
174	8.5	1934	1.3	120/2*	225S 4
139	10.6	2412	0.9	120/2*	225S 4
128	11.5	2617	1.1	120/2*	225S 4
105	14.1	3209	0.9	120/2*	225S 4

2.7 Gearmotors performances

n_2 min ⁻¹	ir	T2 Nm	FS'	AM AC	
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45 kW	$n_1 = 2945 \text{ min}^{-1}$	225M 2
	$n_1 = 1475 \text{ min}^{-1}$	225M 4

1052	2.8	388	3.6	120/2*	225M 2
755	3.9	541	2.6	120/2*	225M 2
566	5.2	721	2.0	120/2*	225M 2
527	2.8	775	2.2	120/2*	225M 4
483	6.1	846	1.9	120/2*	225M 2
382	7.7	1067	1.7	120/2*	225M 2
378	3.9	1079	1.6	120/2*	225M 4
346	8.5	1178	1.7	120/2*	225M 2
284	5.2	1439	1.3	120/2*	225M 4
278	10.6	1469	1.5	120/2*	225M 2
256	11.5	1594	1.5	120/2*	225M 2
242	6.1	1688	1.2	120/2*	225M 4
209	14.1	1955	1.2	120/2*	225M 2
192	7.7	2131	1.0	120/2*	225M 4
174	8.5	2353	1.1	120/2*	225M 4
153	19.3	2676	0.9	120/2*	225M 2
140	21.0	2911	0.8	120/2*	225M 2
128	11.5	3183	0.9	120/2*	225M 4

2.7 Leistungen der Getriebemotoren

n_2 min ⁻¹	ir	T2 Nm	FS'	AM AC	
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45 kW	$n_1 = 2945 \text{ min}^{-1}$	225M 2
	$n_1 = 1475 \text{ min}^{-1}$	225M 4

1052	2.8	388	3.6	120/2*	225M 2
755	3.9	541	2.6	120/2*	225M 2
566	5.2	721	2.0	120/2*	225M 2
527	2.8	775	2.2	120/2*	225M 4
483	6.1	846	1.9	120/2*	225M 2
382	7.7	1067	1.7	120/2*	225M 2
378	3.9	1079	1.6	120/2*	225M 4
346	8.5	1178	1.7	120/2*	225M 2
284	5.2	1439	1.3	120/2*	225M 4
278	10.6	1469	1.5	120/2*	225M 2
256	11.5	1594	1.5	120/2*	225M 2
242	6.1	1688	1.2	120/2*	225M 4
209	14.1	1955	1.2	120/2*	225M 2
192	7.7	2131	1.0	120/2*	225M 4
174	8.5	2353	1.1	120/2*	225M 4
153	19.3	2676	0.9	120/2*	225M 2
140	21.0	2911	0.8	120/2*	225M 2
128	11.5	3183	0.9	120/2*	225M 4

N.B.

Tutte le potenze indicate si riferiscono alla potenza meccanica dei riduttori. Per i riduttori contrassegnati con (*) è opportuno effettuare la verifica della potenza limite termico secondo le indicazioni riportate nel par. 1.5

NOTE.

The power indicated is based on the mechanical capacities of the gearboxes. For the gearboxes marked with (*) it is also necessary to obey the thermal capacity like shown on chapter 1.5.

HINWEIS.

Die Leistungsangaben beziehen sich auf die mechanische Belasbarkeit der Getriebe. Bei den mit (*) gekennzeichneten Getrieben ist außerdem die thermische Leistungsgrenze zu beachten (s. Kap 1.5).