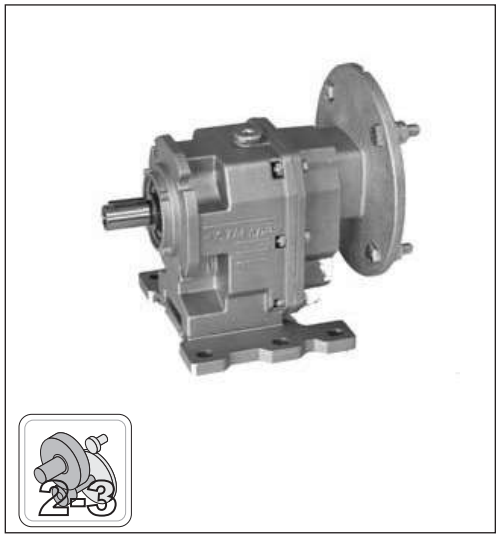
1.0 RIDUTTORI COASSIALI A
1.0 IN-LINE GEARBOXES A
1.0 STIRNRADGETRIEBE A

A

B

1

40-50-60-80-100



2-3

25-35-41-45

2-3

50-55-60-70-80-90
100-110-120-140

1.1 Caratteristiche tecniche

La progettazione di questa serie di riduttori è stata impostata su una struttura monolitica di straordinaria rigidezza: questo permette l'applicazione di carichi elevati senza rischi di deformazione, che ne comprometterebbero le prestazioni.
Inoltre la particolare forma interna della carcassa, consente un orientamento del flusso del lubrificante atto a raggiungere tutte le parti in movimento, ad evitare la rumorosità e a favorire la tenuta.
Un'altra novità è rappresentata dalla flangia uscita riportata che consente una grande versatilità di applicazione.
Grazie alla ormai consolidata esperienza nel campo dei riduttori ad ingranaggi coassiali a 2 e 3 stadi, abbiamo realizzato il monostadio: il giusto rapporto coppia/costo per le applicazioni industriali dove è richiesto un alto numero di giri all'albero uscita.

1.1 Technical characteristics

The design of this range of gear units is based on one body piece casting giving increased rigidity. This allows to apply high loads without risks of deformation which might negatively affect technical performances.
The particular internal shape of the body directs the oil flow in a way to reach all moving parts while reducing noise levels and improving sealing tightness.
Another piece of news is the modular attachable output flange to provide excellent versatility even in multiple applications.
Thanks to the almost reinforced experience in the field of the in-line gearboxes at 2 and 3 stage, we realised the single stage: the right relation between pair/price for the industrial application where it is required an high number of output speed shaft.

1.1 Technische Eigenschaften

Die Planung dieser Getriebeserie ist auf einer monolithischen Struktur mit ausgewöhnlicher Steifigkeit aufgebaut: dies ermöglicht die Anwendung bei hohen Belastungen ohne Verformungsgefahr, die die Leistung beeinträchtigen würde.
Außerdem erlaubt die spezielle Innenform des Gehäuses eine gleichmäßige Verteilung des Schmierstoffes, der somit alle beweglichen Teile erreicht und außerdem Geräusche vermeidet und die Dichtung fördert.
Ein weiteres neues Feature ist der Ausgangsflansch, der eine große Anwendungsvielseitigkeit ermöglicht.
Aufgrund der fundierten Erfahrung im Bereich der zwei- und dreistufigen koaxialen Reduktionsgetriebe wurde der Einstufige konzipiert: das richtige Verhältnis Drehmoment / Kosten für industrielle. Anwendungen, die eine hohe Drehzahl am Zapfwellenende benötigen

1.7 Prestazioni motoriduttori

1.7 Gearmotors performances

1.7 Leistungen der Getriebemotoren

n_2 min^{-1}	ir	T2 Nm	FS'	AM AC	

4 kW

n_1= 2860 min^{-1} — 100B 2
n_1= 1410 min^{-1} — 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	36.4	917	2.2	**100/3**	100BL 4
39	35.7	899	1.1	**80/3**	100BL 4
35	40.7	1025	3.2	**120/3**	100BL 4
35	40.6	1023	1.9	**100/3**	100BL 4
35	40.3	1015	1.0	**80/3**	100BL 4
32	44.0	1109	0.9	**80/3**	100BL 4
31	45.7	1151	2.9	**120/3**	100BL 4
31	45.2	1139	1.7	**100/3**	100BL 4
28	50.9	1282	2.6	**120/3**	100BL 4
27	52.8	1330	1.5	**100/3**	100BL 4
25	57.1	1439	2.3	**120/3**	100BL 4
25	56.7	1429	1.4	**100/3**	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

5.5 kW

n_1= 2880 min^{-1} — 112B 2
n_1= 1440 min^{-1} — 132S 4
n_1= 1400 min^{-1}1 — 112BL 4

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

5.5 kW

n_1= 2880 min^{-1} — 112B 2
n_1= 1440 min^{-1} — 132S 4
n_1= 1400 min^{-1}1 — 112BL 4

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
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

5.5 kW

n_1= 2880 min^{-1} — 112B 2
n_1= 1440 min^{-1} — 132S 4
n_1= 1400 min^{-1}1 — 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 min^{-1} — 132SL 2
n_1= 2860 min^{-1} — 112BL 2
n_1= 1440 min^{-1} — 132M 4

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
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

1.7 Prestazioni motoriduttori

1.7 Gearmotors performances

1.7 Leistungen der Getriebemotoren

7.5 kW

n_1= 2890 min^{-1} | n_1= 2860 min^{-1} | n_1= 1440 min^{-1} — 132SL 2 | 112BL 2 | 132M 4

n_2 min^{-1}	ir	T2 Nm	FS'	AM AC	
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
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

7.5 kW

n_1= 2890 min^{-1} | n_1= 2860 min^{-1} | n_1= 1440 min^{-1} — 132SL 2 | 112BL 2 | 132M 4

n_2 min^{-1}	ir	T2 Nm	FS'	AM AC	
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 min^{-1} — 132ML 4

n_2 min^{-1}	ir	T2 Nm	FS'	AM AC	
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
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

9.2 kW

n_1= 1450 min^{-1} — 132ML 4

n_2 min^{-1}	ir	T2 Nm	FS'	AM AC	
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 min^{-1} | n_1= 1455 min^{-1} — 132M 2 | 160M 4

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
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

1.7 Prestazioni motoriduttori

1.7 Gearmotors performances

1.7 Leistungen der Getriebemotoren

11 kW

n_1= 2940 min^{-1} — 132M 2
n_1= 1455 min^{-1} — 160M 4

n_2 min^{-1}	ir	T2 Nm	FS'	AM AC	
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

15 kW

n_1= 2930 min^{-1} — 160MB 2
n_1= 2900 min^{-1} — 132ML 2
n_1= 1455 min^{-1} — 160L 4

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

15 kW

n_1= 2930 min^{-1} — 160MB 2
n_1= 2900 min^{-1} — 132ML 2
n_1= 1455 min^{-1} — 160L 4

n_2 min^{-1}	ir	T2 Nm	FS'	AM AC	
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
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

15 kW

n_1= 2930 min^{-1} — 160MB 2
n_1= 2900 min^{-1} — 132ML 2
n_1= 1455 min^{-1} — 160L 4

n_2 min^{-1}	ir	T2 Nm	FS'	AM AC	
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 min^{-1} — 160L 2
n_1= 1460 min^{-1} — 180M 4
n_1= 970 min^{-1} — 200L 6

n_2 min^{-1}	ir	T2 Nm	FS'	AM AC	
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
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

1.7 Prestazioni motoriduttori

1.7 Gearmotors performances

1.7 Leistungen der Getriebemotoren

18.5 kW

n_1= 2910 min^{-1} — 160L 2
n_1= 1460 min^{-1} — 180M 4
n_1= 970 min^{-1} — 200L 6

n_2 min^{-1}	ir	T2 Nm	FS'	AM AC	
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 min^{-1} — 180M 2
n_1= 1460 min^{-1} — 180L 4
n_1= 975 min^{-1} — 200L 6

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
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 min^{-1} — 200L 2
n_1= 1465 min^{-1} — 200L 4

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

37 kW

n_1= 2950 min^{-1} — 200L 2
n_1= 1475 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

37 kW

n_1= 2950 min^{-1} — 200L 2
n_1= 1475 min^{-1} — 225S 4

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

45 kW

n_1= 2945 min^{-1} — 225M 2
n_1= 1475 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

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. A-1.5.

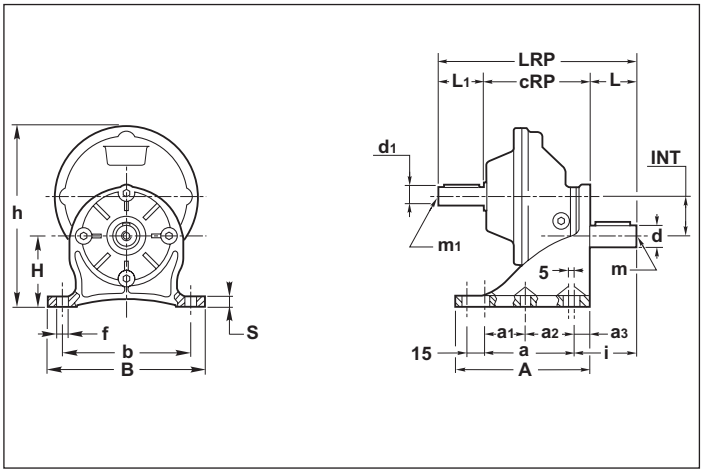
NOTE.
*The power indicated is based on the mechanical capacities of the gearboxes. For the gearboxes marked with **(*)** it is also necessary to obey the therminal capacity like shown on chapter A-1.5.*

HINWEIS.
Die Leistungsangaben beziehen sich auf die mecanische Belasbarkeit der Getriebe. Bei den mit **(*)** gekennzeichneten Getrieben ist außerdem die thermische Leistungsgrenze zu beachten (A-1.5).

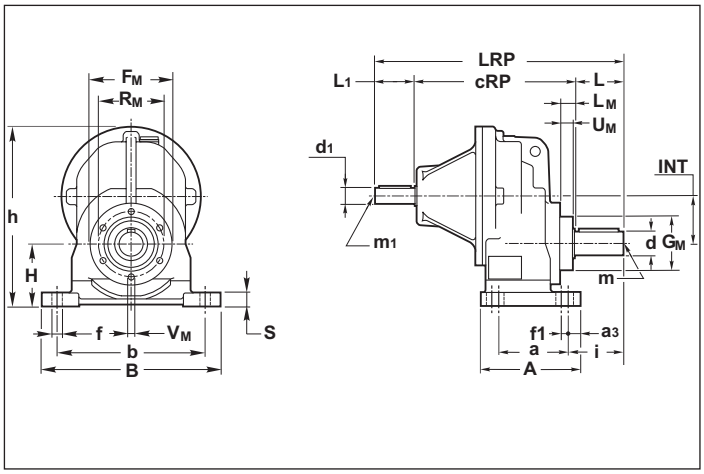
Dimensioni riduttori
Dimensions gearboxes
Abmessungen Getriebes

AM/1 - AR/1 - AC/1

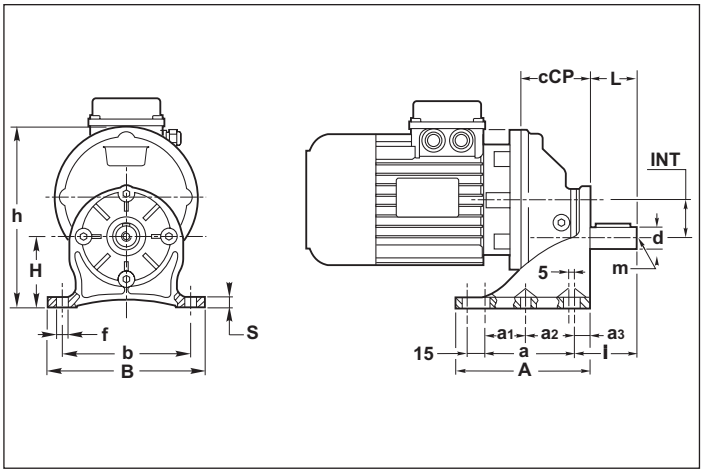
ARP (32)



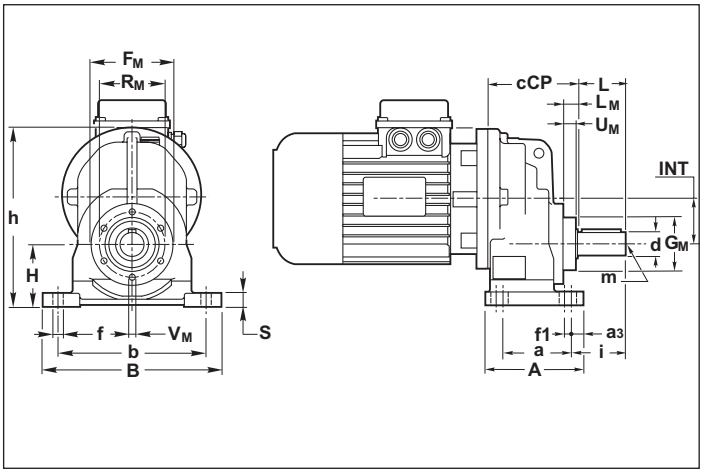
ARP (40 - 100)



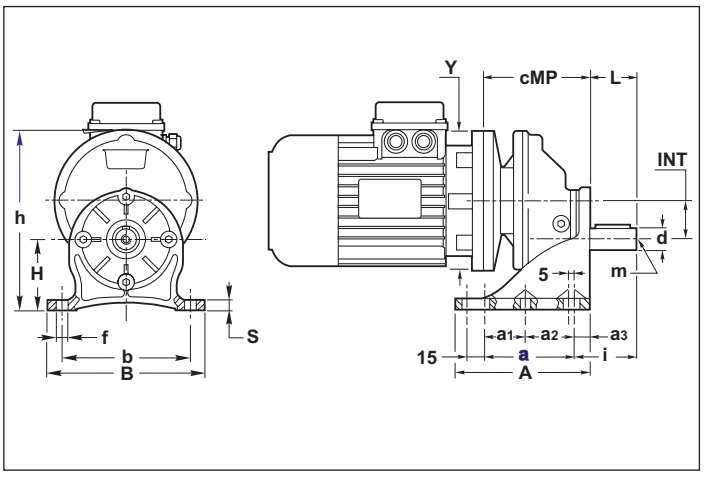
ACP (32)



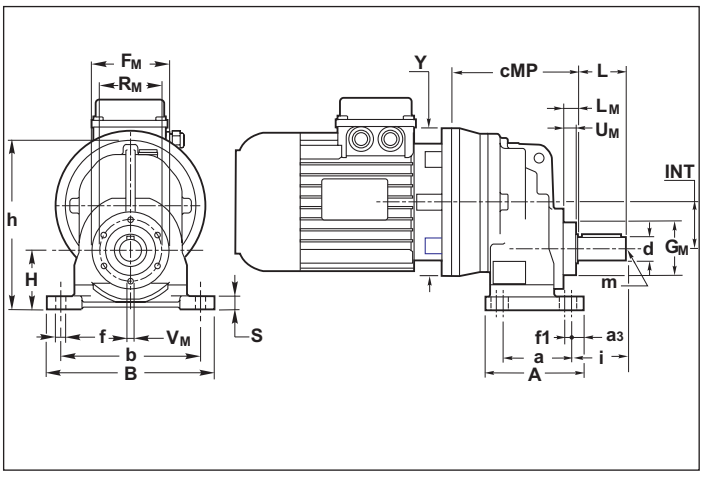
ACP (40 - 100)



AMP (32)



AMP (40 - 100)



1.8 Dimensioni — *1.8 Dimensions* — 1.8 Abmessungen

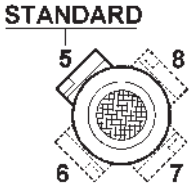
AM AC AR	a	a_1	a_2	a_3	A	b	B	cRP	d h6	d_1 j6	F_M	f	f1	G_M	h	H	i	L	L_1	L_M	LRP	m	m_1	R_M	S	U_M	V_M	INT
32	77	35	42	13	115	110	135	92	19 (14)	16	—	9	5	—	153	60	53 (43)	40 (30)	40	—	172 (162)	M6 (M6)	M6	—	9	—	—	33
40	45	—	—	12	85	105	130	141	19 (20)	16	82	8.5	2	54	162	50	53 (53)	40 (40)	40	14	221 (221)	M6 (M6)	M6	66	12	13	6	42
50	70	—	—	12	100	150	180	161	24 (25)	16	82	11	7	54	181	63	56 (56)	50 (50)	40	14	251 (251)	M8 (M8)	M6	66	14	13	6	48
60	70	—	—	16	120	165	195	193	28 (30)	19	110	11	8.5	74	221	80	67.5 (67.5)	60 (60)	40	17	293 (293)	M10 (M10)	M6	94	15	15	8	61
80	85	—	—	21	135	185	230	218	38 (40)	24	156	14	—	114	276	100	105	80	50	20	348	M10 (M10)	M8	136	20	18	10	76
100	130	—	—	17	173	240	295	284.5	48 (50)	28	156	18	—	114	345	125	129	110	60	20	454	M12 (M12)	M8	136	22	17	10	95

IEC	AMP../1												ACP../1					
	32		40		50		60		80		100		32	40	50	60	80	100
	Y	cMP	Y	cMP	Y	cMP	Y	cMP	Y	cMP	Y	cMP	cCP					
B5	120	92	140	125	140	132	160	159	200	199	250	236	59	86	93	115	142	189
	140	92	160	125	160	132	200	174	250	209.5	300	236						
	160	92	200	145	200	152	250	184	300	230	350	300.5						
	200	102	250	155	250	162	300	208	350	260	400	305.5						
B14	90•	92	120	145	120	152	120	174.5	—	—	200	236						
	105•	92	140	145	140	152	140	174.5	—	—	—	—						
	120	102	160	155	160	162	160	184	—	—	—	—						
	—	—	—	—	—	—	200	208	—	—	—	—						

N.B.
La configurazione standard della flangia attacco motore prevede 4 fori a 45° (esempio x: vedi par. 1.3).
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):

Note.
The standard configuration for the holes is 45° to the axles (like an x: see par. 1.3).

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 refering to the following sketch (in which n° 5 is the standard position):



HINWEIS.
In der Standardkonfiguration sind die 4 Flanschbohrungen im 45°-Winkel zu den Achsen angeordnet (wie ein x: siehe Kapitel 1.3).
Bei B14-Flanschen, die mit (•) gekennzeichnet sind, sind die Bohrungen auf den Achsen angeordnet (wie ein +). Es sollte deshalb der Platzbedarf des Motorklem- menkastens 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 Standardposition):

Le dimensioni cMP si riferiscono alle combinazioni albero/flangia B5 e B14, standard.
Per le dimensioni relative a combinazioni albero/flangia arichiesta, contattare il ns. servizio tecnico.

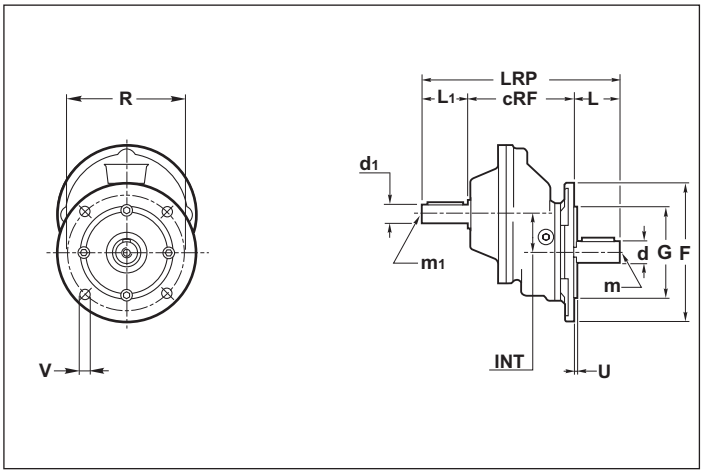
The cMP dimensions refer to the standard B5 and B14 shaft/flange combinations.
As far as the dimensions of shaft/flange combinations on request are concerned, please contact our technical department.

Die Maße cMP beziehen sich auf die Kombinationen Welle/Flansch B5 und B14 Standard. Hinsichtlich der Maße von Kombinationen Welle/Flansch auf Anfrage wenden Sie sich bitte an unseren technischen Kundendienst.

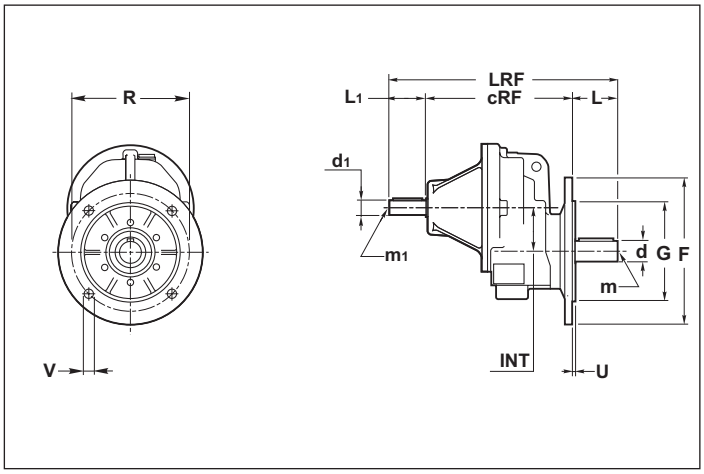
Dimensioni riduttori
Dimensions gearboxes
Abmessungen Getriebes

AM/1 - AR/1 - AC/1

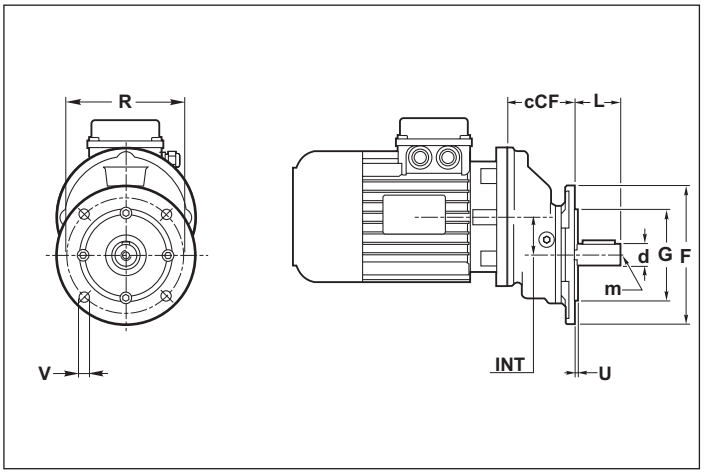
ARF (32)



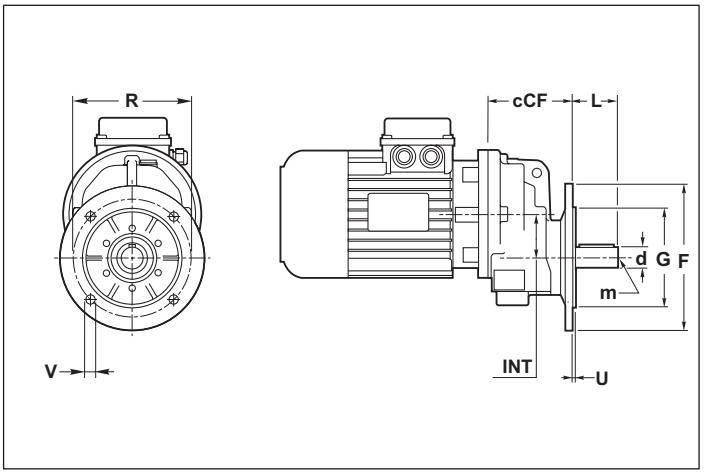
ARF (40 - 100)



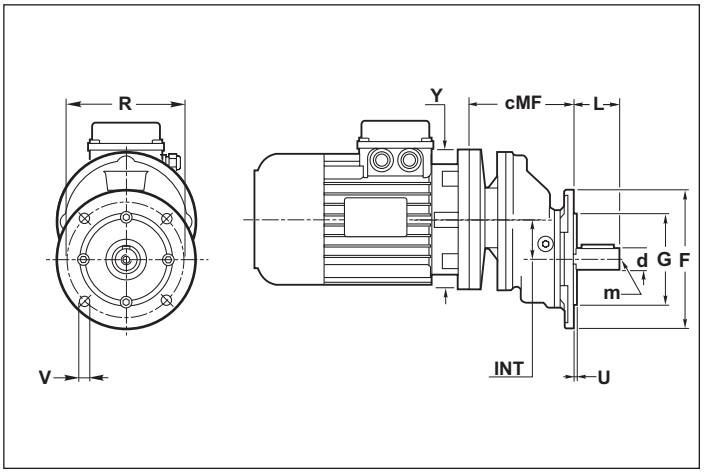
ACF (32)



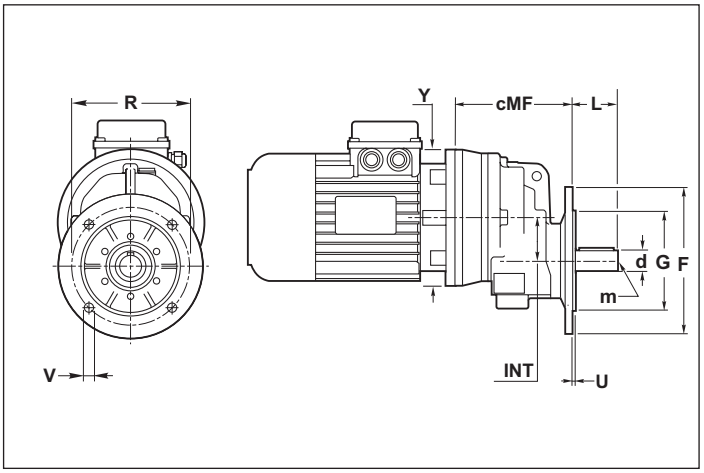
ACF (40 - 100)



AMF (32)



AMF (40 - 100)



1.8 Dimensioni — *1.8 Dimensions* — 1.8 Abmessungen

AM AC AR	cRF	d h6	d_1 j6	L	L_1	LRF	m	m_1	INT
32	92	19 (14)	16	30 (40)	40	172 (162)	M6 (M6)	M6	33
40	141	19 (20)	16	40 (40)	40	221 (221)	M6 (M6)	M6	42
50	161	24 (25)	16	50 (50)	40	251 (251)	M8 (M8)	M6	48
60	193	28 (30)	19	60 (60)	40	293 (193)	M10 (M10)	M6	61
80	218	38 (40)	24	80	50	248	M10 (M10)	M8	76
100	284.5	48 (50)	28	110	60	454	M12 (M12)	M8	95

	32			**40**				**50**				**60**			**80**		**100**	
	F1	**F2**	**F3**	**F1**	**F2**	**F3**	**F4**	**F1**	**F2**	**F3**	**F4**	**F1**	**F2**	**F3**	**F1**	**F2**	**F1**	**F2**
F	120	140	160	120	140	160	200	120	140	160	200	160	200	250	250	300	250	300
G (g6)	80	95	110	80	95	110	130	80	95	110	130	110	130	180	180	230	180	230
R	100	115	130	100	115	130	165	100	115	130	165	130	165	215	215	265	215	265
V	9	9	10	9	9	10	13	9	9	10	13	10	13	15	15	15	15	15
U	3	3.5	3.5	3	3.5	3.5	3.5	3	3.5	3.5	3.5	3	3.5	3.5	4	4	4	4

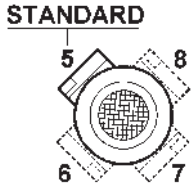
	AMF../1												**ACF../1**					
IEC	**32**		**40**		**50**		**60**		**80**		**100**		**32**	**40**	**50**	**60**	**80**	**100**
	Y	**cMF**	**Y**	**cMF**	**Y**	**cMF**	**Y**	**cMF**	**Y**	**cMF**	**Y**	**cMF**	**cCF**					
B5	120	92	140	125	140	132	160	159	200	199	250	236	59	86	93	115	142	189
	140	92	160	125	160	132	200	174	250	209.5	300	236						
	160	92	200	145	200	152	250	184	300	230,5	350	300.5						
	200	102	250	155	250	162	300	208	350	260	400	305.5						
B14	90•	92	120	145	120	152	120	174.5	—	—	200	236						
	105•	92	140	145	140	152	140	174.5	—	—	—	—						
	120	102	160	155	160	162	160	184	—	—	—	—						
	—	—	—	—	—	—	200	208	—	—	—	—						

N.B.
La configurazione standard della flangia attacco motore prevede 4 fori a 45° (esempio x: vedi par. 1.3).
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):

Le dimensioni cMF si riferiscono alle combinazioni albero/flangia B5 e B14, standard.
Per le dimensioni relative a combinazioni albero/flangia arichiesta, contattare il ns. servizio tecnico.

Note.
The standard configuration for the holes is 45° to the axles (like an x: see par. 1.3).

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 refering to the following sketch (in which n° 5 is the standard position):



The cMF dimensions refer to the standard B5 and B14 shaft/flange combinations.
As far as the dimensions of shaft/flange combinations on request are concerned, please contact our technical department.

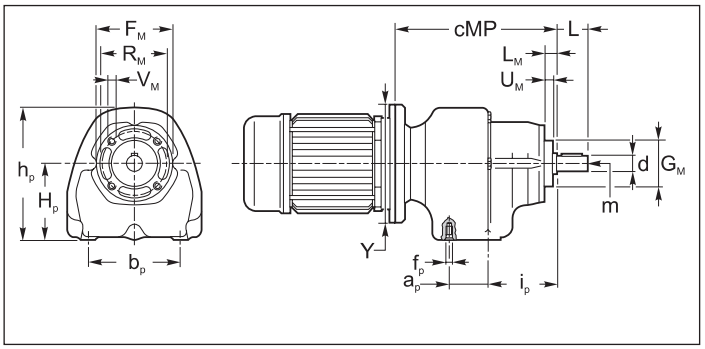
HINWEIS.
In der Standardkonfiguration sind die 4 Flanschbohrungen im 45°-Winkel zu den Achsen angeordnet (wie ein x: siehe Kapitel 1.3).
Bei B14-Flanschen, die mit (•) gekennzeichnet sind, sind die Bohrungen auf den Achsen angeordnet (wie ein +). Es sollte deshalb der Platzbedarf des Motorklem- menkastens 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 Standardposition):

Die Maße cMF beziehen sich auf die Kombinationen Welle/Flansch B5 und B14 Standard. Hinsichtlich der Maße von Kombinationen Welle/Flansch auf Anfrage wenden Sie sich bitte an unseren technischen Kundendienst.

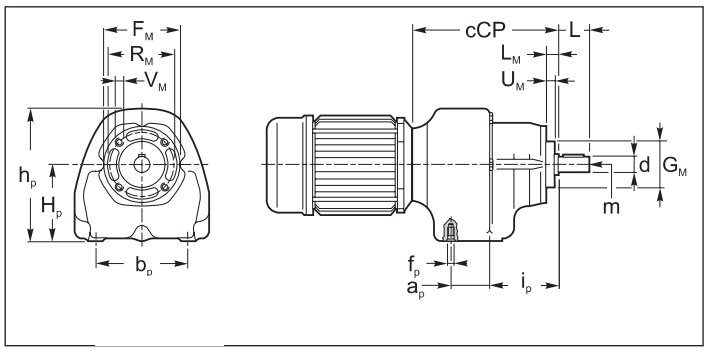
Dimensioni riduttori
Dimensions gearboxes
Abmessungen Getriebes

AM/2-3 - AR/2-3 - AC/2-3

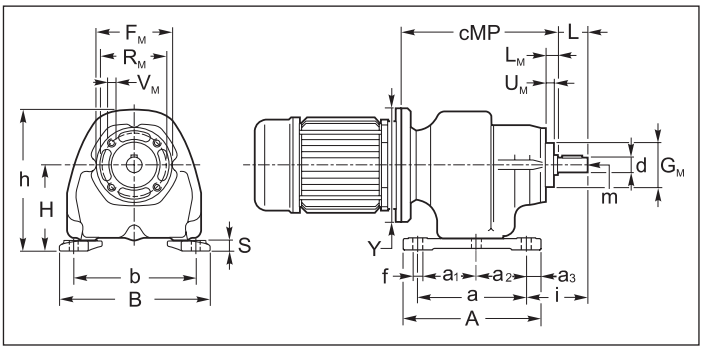
AM (25)



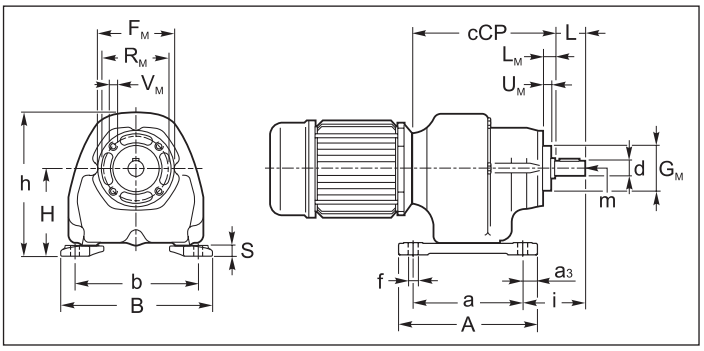
AC (25)



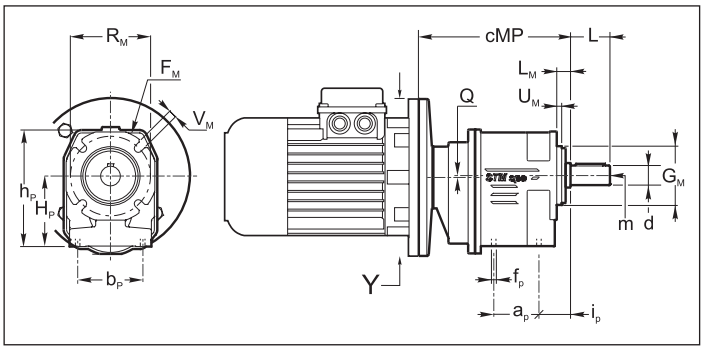
AMP (25)



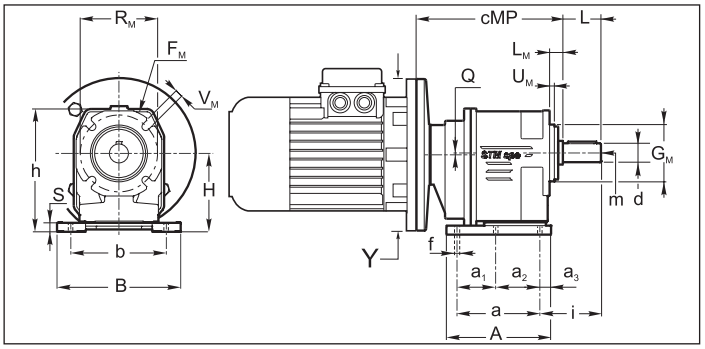
ACP (25)



AM (35 - 41- 45)



AMP (35 - 45) - AMP1 - AMP2 (41)



1.8 Dimensioni — *1.8 Dimensions* — 1.8 Abmessungen

AM AC		a	a_1	a_2	a_3	A	b	B	d j6(A25)-h6	f	h	H	i	L	m	Q	S
25	**P**	71	—	—	9.5	90	90±1	111	11 (14)	6.5	103	63	47 (50)	22 (25)	M5	-	8
35	**P**	87 ±2	37 ±2	50 ±2	11.5 ±1	110	110	130	16 (19) (20)	8.5	132	85	48±1 (58) (58)	30 (40) (40)	M6 (M6) (M6)	-	9
41	**P1**	87 ±2	37 ±2	50 ±2	11.5 ±1	110	110	130	20 (19) (25)	8.5	135	85	59±1 (59) (69)	40 (40) (50)	M6 (M6) (M8)	/2-2 /3-8	9
	P2	85	—	—	10	105	110	130		9.5	130	80	58 (58) (68)				10
45	**P**	107.5±2	47.5±2	60 ±2	13.5 ±1	135	130	155	25 (24) (30)	11	154	100	69±1 (69) (79)	50 (50) (60)	M8 (M8) (M10)	/2-3 /3-9.5	11

	a_p	b_p	f_p	i_p	h_p	H_p	F_M	G_M(g6)	L_M	R_M	V_M	U_M
25	23	66	M6	49	95	55	55	33	9	46	M6	6
35	50	55	M8	20.5	122	75	95	60	11	80	8	5
41	50	67	M8	20.5	122	72	95	60	11	80	8	5
45	60	75	M8	22.5	142	88	111	70	12	85	8	5

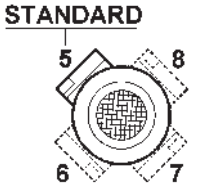
	IEC	25		35		41		45		25	35	41	45
		Y	cMP	Y	cMP	Y	cMP	Y	cMP	cCP			
AMP../2	B5	120	116	—	—	140	151.5	160	171.5	93.5	—	—	—
		140	116	140	126.5	160	151.5	200 (IEC 80)	171.5				
				160	126.5	200	160	200 (IEC 90)	182.0				
				200	136.0	—	—	250	184.0				
	B14	80•	116	90•	126.5	90•	151.5	105•	171.5				
		90	116	105	126.5	105•	151.5	120	171.5				
				120	136.0	120	160	140	182.0				
						140	160	160	184.0				
AMP../3	B5	120	116	120	144.0	140	168	160	188				
		140	116	140	144.0	160	168	200	188				
				—	—								
				—	—								
	B14	80•	116	80•	144.0	90	168	105	188				
		90	116	90	144.0	105	168	120	188				
				—	—								

N.B.
La configurazione standard della flangia attacco motore prevede 4 fori a 45° (esempio x: vedi par. 1.3).
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):

Le dimensioni cMP si riferiscono alle combinazioni albero/flangia B5 e B14, standard.
Per le dimensioni relative a combinazioni albero/flangia arichiesta, contattare il ns. servizio tecnico.

+Note.
The standard configuration for the holes is 45° to the axles (like an x: see par. 1.3).

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 refering to the following sketch (in which n° 5 is the standard position):



The cMP dimensions refer to the standard B5 and B14 shaft/flange combinations.
As far as the dimensions of shaft/flange combinations on request are concerned, please contact our technical department.

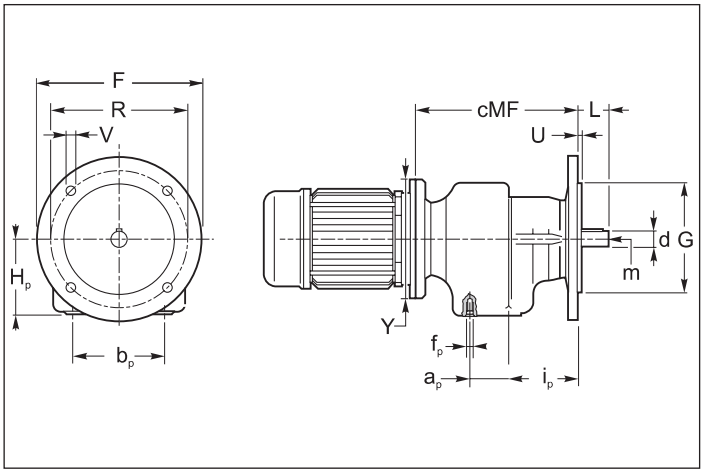
HINWEIS.
In der Standardkonfiguration sind die 4 Flanschbohrungen im 45°-Winkel zu den Achsen angeordnet (wie ein x: siehe Kapitel 1.3).
Bei B14-Flanschen, die mit (•) gekennzeichnet sind, sind die Bohrungen auf den Achsen angeordnet (wie ein +). Es sollte deshalb der Platzbedarf des Motorklem- menkastens 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 Standardposition):

Die Maße cMP beziehen sich auf die Kombinationen Welle/Flansch B5 und B14 Standard. Hinsichtlich der Maße von Kombinationen Welle/Flansch auf Anfrage wenden Sie sich bitte an unseren technischen Kundendienst.

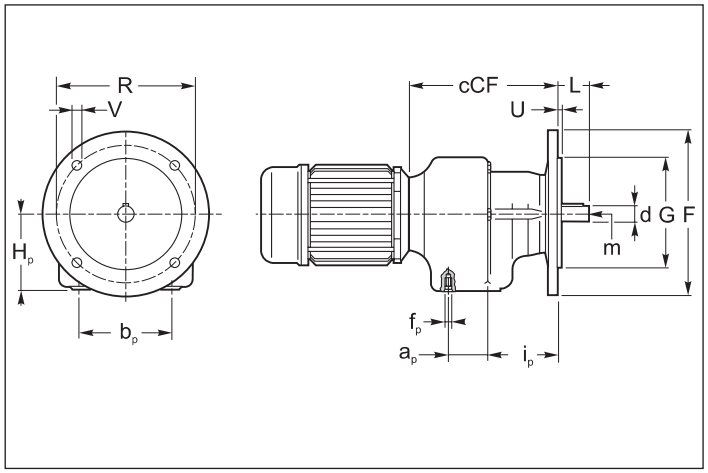
Dimensioni riduttori
Dimensions gearboxes
Abmessungen Getriebes

AM/2-3 - AR/2-3 - AC/2-3

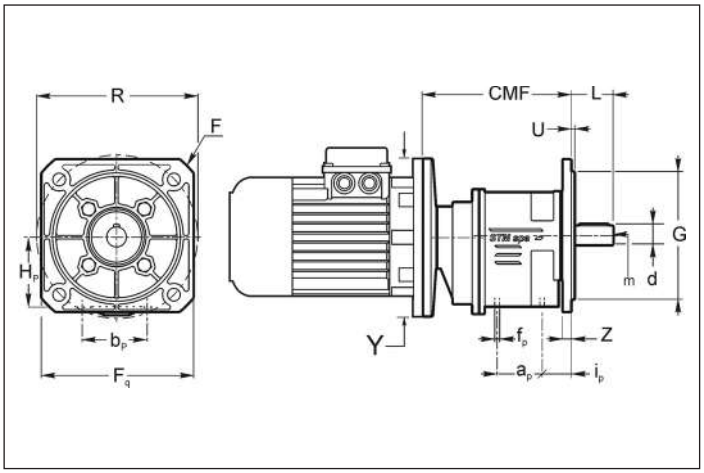
AMF (25)



ACF (25)



AMF (35 - 41 - 45)



1.8 Dimensioni — *1.8 Dimensions* — 1.8 Abmessungen

AM AC	ap	bp	fp	ip	Hp	d j6(A25)-h6	f	L	m	Q	S
25	23	66	M6	49	55	11 (14)	6.5	22 (25)	M5	-	8
35	50	55	M8	20.5	75	16 (19) (20)	8.5	30 (40) (40)	M6 (M6) (M6)	-	9
41	50	67	M8	20.5	72	20 (19) (25)	9.5	40 (40) (50)	M6 (M6) (M8)	/2-2 /3-8	10
45	60	75	M8	22.5	88	25 (24) (30)	11	50 (50) (60)	M8 (M8) (M10)	/2-3 /3-9.5	11

B

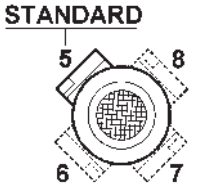
	AMF - ACF									
	25		35			41			45	
	F1	F2	F1	F2	F3	F1	F2	F3	F1	F2
F	105	120	140	160	200	140	160	200	160	200
F_Q	—	—	110	120	150	110	120	150	120	160
G(g6)	70	80	95	110	130	95	110	130	110	130
R	85	100	115	130	165	115	130	165	130	165
V	7	7	9	9	13	9	9	13	9	13
U	3	3	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5

	IEC	25		35		41		45		25	35	41	45
		Y	cMF	Y	cMF	Y	cMF	Y	cMF	cCP			
AMF../2	**B5**	120	116	—	—	140	151.5	160	171.5	93.5	—	—	—
		140	116	140	126.5	160	151.5	200 (IEC 80)	171.5				
				160	126.5	200	160	200 (IEC 90)	182.0				
				200	136.0	—	—	250	184.0				
	B14	80•	116	90•	126.5	90•	151.5	105•	171.5				
		90	116	105	126.5	105•	151.5	120	171.5				
				120	136.0	120	160	140	182.0				
						140	160	160	184.0				
AMF../3	**B5**	120	116	120	144.0	140	168	160	188.0				
		140	116	140	144.0	160	168	200	188.0				
				—	—								
				—	—								
	B14	80•	116	80•	144.0	90	168	105	188.0				
		90	116	90	144.0	105	168	120	188.0				
				—	—								

N.B.
La configurazione standard della flangia attacco motore prevede 4 fori a 45° (esempio x: vedi par. 1.3).
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):

NOTE:
The standard configuration for the holes is 45° to the axles (like an x: see par. 1.3).
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 refering to the following sketch (in which n° 5 is the standard position):

HINWEIS.
In der Standardkonfiguration sind die 4 Flanschbohrungen im 45°-Winkel zu den Achsen angeordnet (wie ein x: siehe Kapitel 1.3).
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 Standardposition):



Le dimensioni cMF si riferiscono alle combinazioni albero/flangia B5 e B14, standard.
Per le dimensioni relative a combinazioni albero/flangia arichiesta, contattare il ns. servizio tecnico.

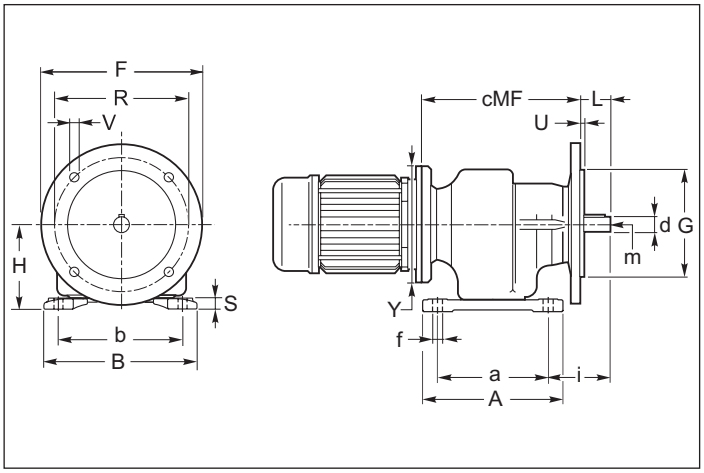
The cMF dimensions refer to the standard B5 and B14 shaft/flange combinations.
As far as the dimensions of shaft/flange combinations on request are concerned, please contact our technical department.

Die Maße cMF beziehen sich auf die Kombinationen Welle/Flansch B5 und B14 Standard. Hinsichtlich der Maße von Kombinationen Welle/Flansch auf Anfrage wenden Sie sich bitte an unseren technischen Kundendienst.

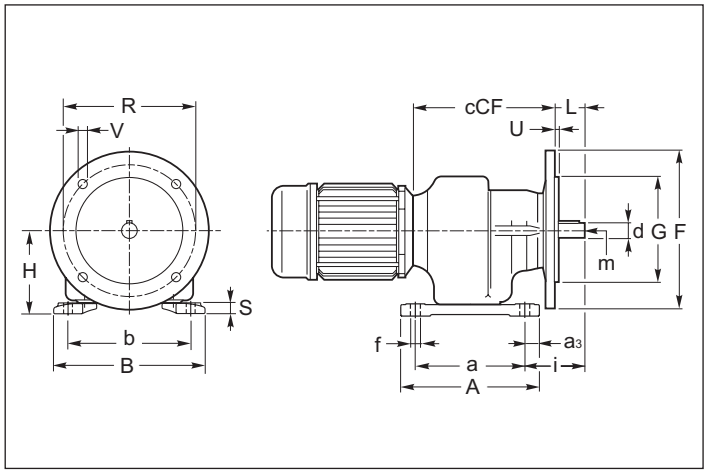
Dimensioni riduttori
Dimensions gearboxes
Abmessungen Getriebes

AM/2-3 - AR/2-3 - AC/2-3

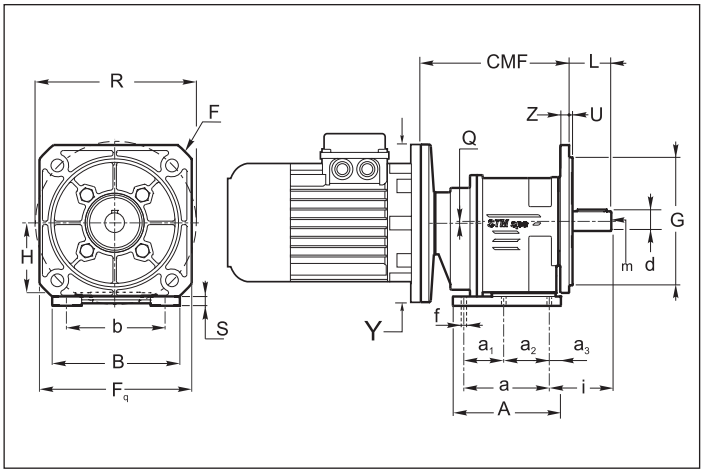
AMP/F.. (25)



ACP/F.. (25)



AMP/F. (35-45)
AMP1/F.-AMP2/F. (41)



1.8 Dimensioni — *1.8 Dimensions* — 1.8 Abmessungen

AM AC		a	a_1	a_2	a_3	A	b	B	d j6(A25)-h6	f	h	H	i	L	m	Q	S
25	P	71	—	—	9.5	90	90±1	111	11 (14)	6.5	103	63	47 (50)	22 (25)	M5	-	8
35	P	87 ±2	37 ±2	50 ±2	11.5 ±1	110	110	130	16 (19) (20)	8.5	132	85	48±1 (58) (58)	30 (40) (40)	M6 (M6) (M6)	-	9
41	P1	87 ±2	37 ±2	50 ±2	11.5 ±1	110	110	130	20 (19) (25)	8.5	135	85	59±1 (59) (69)	40 (40) (50)	M6 (M6) (M8)	/2-2 /3-8	9
	P2	85	—	—	10	105	110	130		9.5	130	80	58 (58) (68)				10
45	P	107.5±2	47.5±2	60 ±2	13.5 ±1	135	130	155	25 (24) (30)	11	154	100	69±1 (69) (79)	50 (50) (60)	M8 (M8) (M10)	/2-3 /3-9.5	11

	AMP/F. - ACP/F.									
	25		35			41			45	
	F1	F2	F1	F2	F3	F1	F2	F3	F1	F2
F	105	120	140	160	200	140	160	200	160	200
F_Q	—	—	110	120	150	110	120	150	120	160
G(g6)	70	80	95	110	130	95	110	130	110	130
R	85	100	115	130	165	115	130	165	130	165
V	7	7	9	9	13	9	9	13	9	13
U	3	3	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5

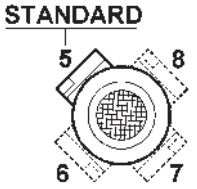
	IEC	25		35		41		45	
		Y	cMF	Y	cMF	Y	cMF	Y	cMF
AMP/F../2	B5	120	116	—	—	140	151.5	160	171.5
		140	116	140	126.5	160	151.5	200 (IEC 80)	171.5
				160	126.5	200	160	200 (IEC 90)	182.0
				200	136.0	—	—	250	184.0
	B14	80•	116	90•	126.5	90•	151.5	105•	171.5
		90	116	105	126.5	105•	151.5	120	171.5
				120	136.0	120	160	140	182.0
						140	160	160	184.0
AMP/F../3	B5	120	116	120	144.0	140	168	160	188.0
		140	116	140	144.0	160	168	200	188.0
				—	—				
				—	—				
	B14	80•	116	80•	144.0	90	168	105	188.0
		90	116	90	144.0	105	168	120	188.0
				—	—				

25	35	41	45
cCP			
93.5	—	—	—

N.B.
La configurazione standard della flangia attacco motore prevede 4 fori a 45° (esempio x: vedi par. 1.3).
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):

NOTE:
The standard configuration for the holes is 45° to the axles (like an x: see par. 1.3).
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 refering to the following sketch (in which n° 5 is the standard position):

HINWEIS.
In der Standardkonfiguration sind die 4 Flanschbohrungen im 45°-Winkel zu den Achsen angeordnet (wie ein x: siehe Kapitel 1.3).
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 Standardposition):



Le dimensioni cMF si riferiscono alle combinazioni albero/flangia B5 e B14, standard.
Per le dimensioni relative a combinazioni albero/flangia arichiesta, contattare il ns. servizio tecnico.

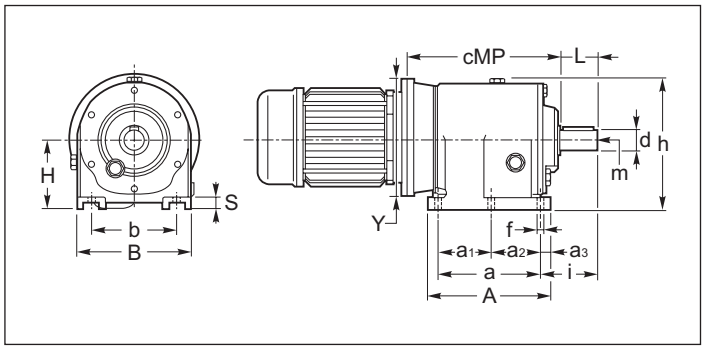
The cMF dimensions refer to the standard B5 and B14 shaft/flange combinations.
As far as the dimensions of shaft/flange combinations on request are concerned, please contact our technical department.

Die Maße cMF beziehen sich auf die Kombinationen Welle/Flansch B5 und B14 Standard. Hinsichtlich der Maße von Kombinationen Welle/Flansch auf Anfrage wenden Sie sich bitte an unseren technischen Kundendienst.

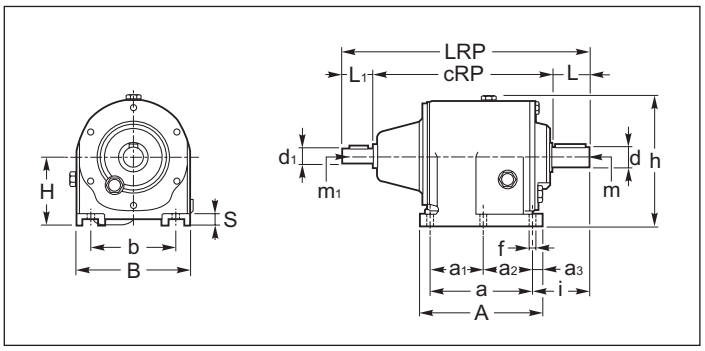
Dimensioni riduttori
Dimensions gearboxes
Abmessungen Getriebes

AM/2-3 - AR/2-3 - AC/2-3

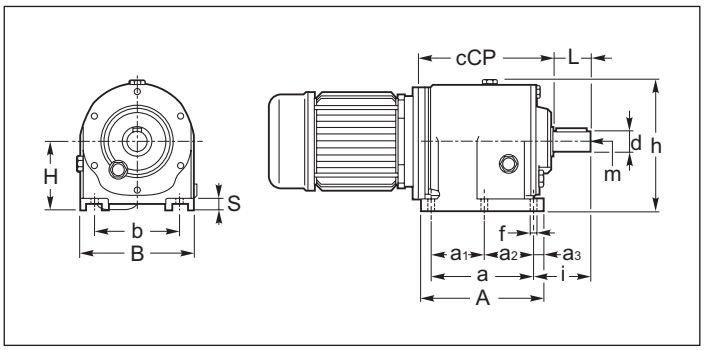
AMP (50-55-60-70-80-90-100-110-120-140)



ARP (50-55-60-70-80-90-100-110-120-140)

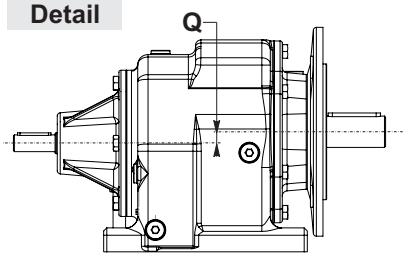


ACP (50-55-60-70-80-90)



55-70-90-110-140

Detail



1.8 Dimensioni — *1.8 Dimensions* — 1.8 Abmessungen

AM AC AR	a	a_1	a_2	a_3	A	b	B	cRP	d h6	d_1 j6	f	h	H	i	L	L_1	LRP	m	m_1	Q	S
50	130	—	—	12.5	155	110	145	227	25 (24) (30)	16	9.5	170	90	75 (75) (85)	50 (50) (60)	40	317 (317) (327)	M8 (M8) (M10)	M6	—	15
55	165			15	195	135	180	/2 238.5 /3 257.0	30	16	14	203	115	90	60	40	/2 338.5 /3 357.0	M10	M6	11	23
60	165			15	195	135	185	269	30 (28) (35)	19	14	210	115	90 (90) (100)	60 (60) (70)	40	369 (369) (379)	M10 (M10) (M10)	M6	—	20
70	195			20	235	150	210	/2 266.5 /3 288.5	35	19	14	233	130	100	70	40	/2 376.5 /3 398.5	M10	M6	13.5	23
80	205			20	245	170	230	309.5	40 (38)	24	20	265	140	115 (115)	80 (80)	50	440 (440)	M10 (M10)	M8	—	25
90	260			25	310	215	280	/2 332.5 /3 347.5	50 (48)	24	20	307	195	140	100	50	/2 482.5 /3 497.5	M12 (M12)	M8	39.5	35
100	260			21	306	215	290	395	50 (48)	28	20	322	180	140 (140)	100 (100)	60	555 (555)	M12 (M12)	M8	—	35
110	310			25	360	250	320	422	60	28	23	351	225	160	120	60	602	M12	M8	36	35
120	310			27.5	365	250	350	460	60	38	23	415	225	160	120	80	660	M12	M10	—	45
140	370			35	440	290	400	/2 458.5 /3 508.0	70	38	27	423	270	185	140	110	/2 708.5 /3 758.0	M16	M10	41.4	60

AMP	IEC	50		55		60		70		80		90		100		110		120		140	
		Y	cMP	Y	cMP	Y	cMP	Y	cMP	Y	cMP	Y	cMP	Y	cMP	Y	cMP	Y	cMP	Y	cMP
AMP../2	B5	140	198	160	233.5	160	235	200	284.5	200	291	250	313	250	347.4	250	374	250	409	300	465
		160	198	200	233.5	200	250	250	284.5	250	303	300	345	300	347.4	300	374	300	409	350	474
		200	218	250	244	250	260	300	284.5	300	322	350	364	350	411.4	350	438	350	451.5	400	479
		250	228	—		300	284	—		350	352	—		400	416.4	400	443	400	456.5	450	519
		—																450	465.5	550	519
	B14	120	218	120	233.5	120	250	200	284.5	—				200	347.4	200	374	200	409	—	
		140	218	140	233.5	140	250	—						—		—		—			
		160	228	160	244	160	260	160	262												
		—				200	284	—													
AMP../3	B5	140	198	140	228	160	235	160	254.5	200	291	200	338.5	200	340.4	200	367	200	392	250	457
		160	198	160	228	200	250	200	269.5	250	301	250	331	250	350.4	250	377	250	410	300	457
		200	218	200	238	250	260	250	279.5	—				300	370.4	300	397	300	421	350	499.5
		—												—						400	504.5
																				450	513.5
																				—	
	B14	120	218	120	238	120	250	120	269.5	—										200	457
		140	218	140	238	140	250	140	269.5											—	
		—				160	260	160	279.5												

ACP		50	55	60	70	80	90
		cCF					
ACP../2		159	—	191	—	234	—
ACP../3		159	189	191	210.5	234	271

Le dimensioni cMP si riferiscono alle combinazioni albero/flangia B5 e B14, standard.
Per le dimensioni relative a combinazioni albero/flangia arichiesta, contattare il ns. servizio tecnico.

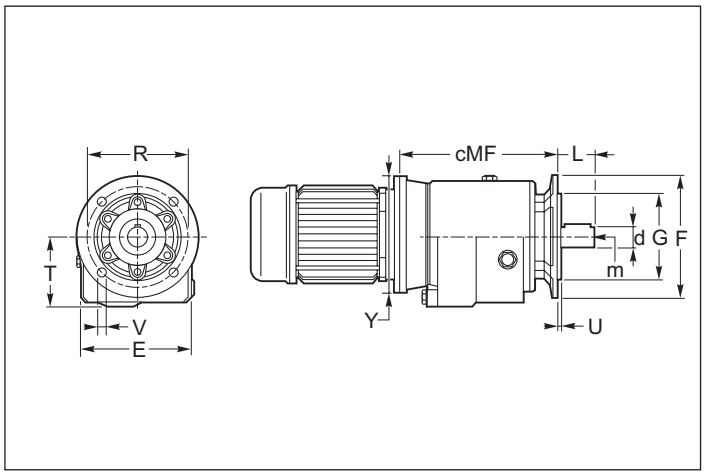
The cMP dimensions refer to the standard B5 and B14 shaft/flange combinations.
As far as the dimensions of shaft/flange combinations on request are concerned, please contact our technical department.

Die Maße cMP beziehen sich auf die Kombinationen Welle/Flansch B5 und B14 Standard. Hinsichtlich der Maße von Kombinationen Welle/Flansch auf Anfrage wenden Sie sich bitte an unseren technischen Kundendienst.

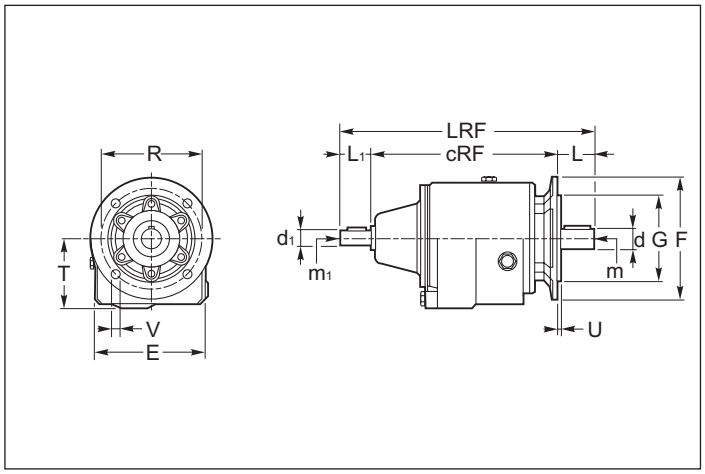
Dimensioni riduttori
Dimensions gearboxes
Abmessungen Getriebes

AM/2-3 - AR/2-3 - AC/2-3

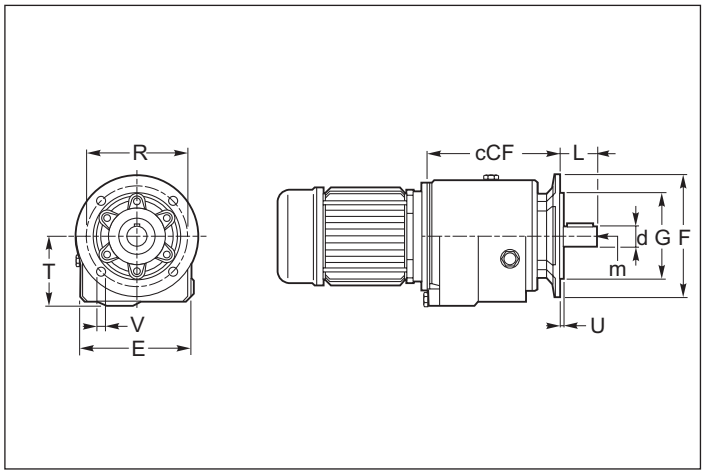
AMF (50-55-60-70-80-90-100-110-120-140)



ARF (50-55-60-70-80-90-100-110-120-140)

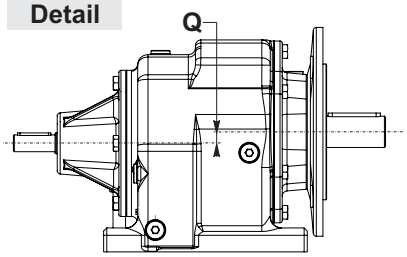


ACF (50-55-60-70-80-90)



55-70-90-110-140

Detail



1.8 Dimensioni — *1.8 Dimensions* — 1.8 Abmessungen

AM AC AR	cRF	d h6	d_1 j6	E	L	L_1	LRF	m	m_1	Q	T
50	235	25 (24) (30)	16	145	50 (50) (60)	40	325 (325) (335)	M8 (M8) (M10)	M6	—	89.5
55	/2 238 /3 256.5	30	16	186	60	40	/2 338 /3 356.5	M10	M6	11	114
60	280	30 (28) (35)	19	185	60 (60) (70)	40	380 (380) (390)	M10 (M10) (M10)	M6	—	114
70	/2 266.5 /3 288.5	35	19	212	70	40	/2 376.5 /3 398.5	M10	M6	13.5	129
80	317	40 (38)	24	230	80 (80)	50	447 (447)	M10 (M10)	M8	—	139
90	/2 332.5 /3 347.5	50 (48)	24	264	100	50	/2 482.5 /3 497.5	M12 (M12)	M8	39.5	192.5
100	395	50 (48)	28	290	100 (100)	60	555 (555)	M12 (M12)	M8	—	178
110	422	60	28	314	120	60	602	M12	M8	36	222
120	491	60	38	350	120	80	691	M12	M10	—	225
140	/2 458.5 /3 508.0	70	38	414	140	110	/2 708.5 /3 758.0	M16	M10	41.4	322

	AMF.. - ACF..																										
	50				55			60			70		80		90		100		110			120			140		
	F1	F2	F3	F4	F1	F2	F3	F1	F2	F3	F1	F2	F1	F2	F1	F2	F1	F2	F1	F2	F3	F1	F2	F3	F1	F2	F3
F	120	160	200	250	160	200	250	160	200	250	250	300	250	300	300	350	300	350	350	450	400	350	450	400	350	400	450
F_Q	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
G(g6)	80	110	130	180	110	130	180	110	130	180	180	230	180	230	230	250	230	250	250	350	300	250	350	300	250	300	350
R	100	130	165	215	130	165	215	130	165	215	215	265	215	265	265	300	265	300	300	400	350	300	400	350	300	350	400
V	9	10	13	15	10	13	15	10	13	15	15	15	15	15	15	19	15	19	19	19*	18	19	19*	18	19	19*	19*
U	3	3.5	3.5	4	3	3.5	3.5	3	3.5	3.5	4	4	4	4	4	5	4	5	5	5	5	5	5	5	5	5	5

* 8 fori / holes

AMF	IEC	50		55		60		70		80		90		100		110		120		140	
		Y	cMF	Y	cMF	Y	cMF	Y	cMF	Y	cMF	Y	cMF	Y	cMF	Y	cMF	Y	cMF	Y	cMF
AMF../2	B5	140	206	160	233.5	160	246	200	284.5	200	298	250	313	250	347.4	250	374	250	440	300	465
		160	206	200	233.5	200	261	250	284.5	250	308	300	345	300	347.4	300	374	300	440	350	474
		200	226	250	243.5	250	271	300	284.5	300	329	350	364	350	411.4	350	438	350	482.5	400	479
		250	236	—		300	295	—		350	359			400	416.4	400	443	400	487.5	450	519
		—																450	496.5	550	519
	B14	120	226	120	233.5	120	261	200	284.5	—				200	347.4	200	374	200	440	—	
		140	226	140	233.5	140	261	—						—		—		—			
		160	236	160	243.5	160	271	160	262												
						200	295	—													
AMF../3	B5	140	206	140	228	160	246	160	254.5	200	298	200	331	200	340.4	200	367	200	423	250	457
		160	206	160	228	200	261	200	269.5	250	308	250	338.5	250	350.4	250	377	250	445	300	457
		200	226	200	238	250	271	250	279.5	—				300	370.4	300	397	300	452	350	499.5
		—																		400	504.5
																				450	513.5
														—						—	
	B14	120	226	120	238	120	261	120	269.5											200	457
		140	226	140	238	140	261	140	269.5											—	
		—				160	271	160	279.5												

ACF		50	55	60	70	80	90
		cCP					
ACF../2		167	—	202	—	241	—
ACF../3		167	189	202	210.5	241	271

Le dimensioni cMF si riferiscono alle combinazioni albero/flangia B5 e B14, standard.
Per le dimensioni relative a combinazioni albero/flangia arichiesta, contattare il ns. servizio tecnico.

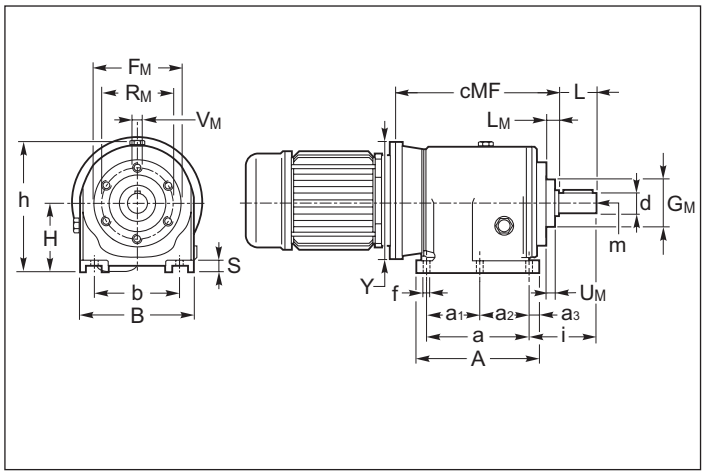
The cMF dimensions refer to the standard B5 and B14 shaft/flange combinations.
As far as the dimensions of shaft/flange combinations on request are concerned, please contact our technical department.

Die Maße cMF beziehen sich auf die Kombinationen Welle/Flansch B5 und B14 Standard. Hinsichtlich der Maße von Kombinationen Welle/Flansch auf Anfrage wenden Sie sich bitte an unseren technischen Kundendienst.

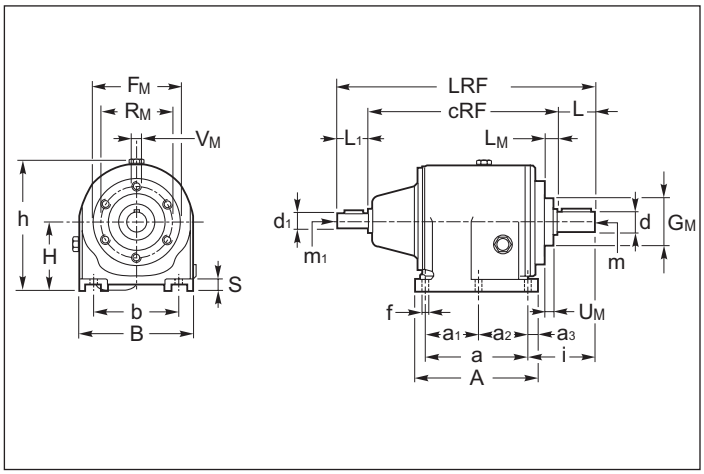
Dimensioni riduttori
Dimensions gearboxes
Abmessungen Getriebes

AM/2-3 - AR/2-3 - AC/2-3

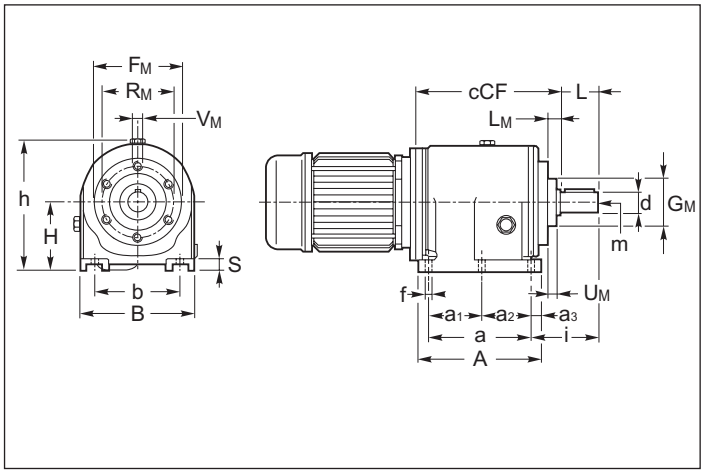
AMP/F (50-55-60-70-80-90-110-120-140)



ARP/F (50-55-60-70-80-90-110-120-140)

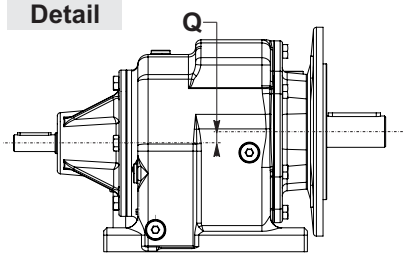


ACP/F (50-55-60-70-80-90)



55-70-90-110-140

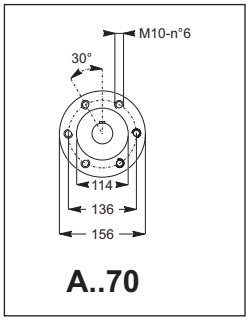
Detail



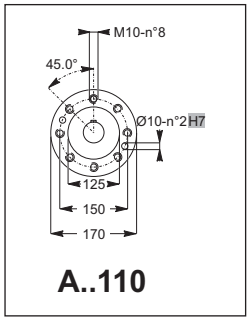
1.8 Dimensioni — *1.8 Dimensions* — 1.8 Abmessungen

AM AC AR	a	a_1	a_2	a_3	A	b	B	cRP	d h6	d_1 j6	f	h	H	i	L	L_1	LRF	m	m_1	Q	S
50	130			12.5	155	110	145	235	25 (24) (30)	16	9.5	170	90	83 (83) (93)	50 (50) (60)	40	325 (325) (335)	M8 (M8) (M10)	M6	—	15
55	165			15	195	135	180	/2 238.5 /3 257.0	30	16	14	203	115	90	60	40	/2 338.5 /3 357.0	M10	M6	11	23
60	165			15	195	135	185	280	30 (28) (35)	19	14	210	115	101 (101) (111)	60 (60) (70)	40	380 (380) (390)	M10 (M10) (M10)	M6	—	20
70	195	—	—	20	235	150	210	/2 266.5 /3 288.5	35	19	14	233	130	100	70	40	/2 376.5 /3 398.5	M10	M6	13.5	23
80	205			20	245	170	230	317	40 (38)	24	20	265	140	123 (123)	80 (80)	50	447 (447)	M10 (M10)	M8	—	25
90	260			25	310	215	280	/2 332.5 /3 347.5	50 (48)	24	20	307	195	140	100	50	/2 482.5 /3 497.5	M12 (M12)	M8	39.5	35
110	310			25	360	250	320	422	60	28	23	351	225	160	120	60	602	M12	M8	36	35
120	310			27.5	365	250	350	491	60	38	23	415	225	191	120	80	691	M12	M10	—	45
140	370			35	440	290	400	/2 458.5 /3 508.0	70	38	27	423	270	185	140	110	/2 708.5 /3 758.0	M16	M10	41.4	60

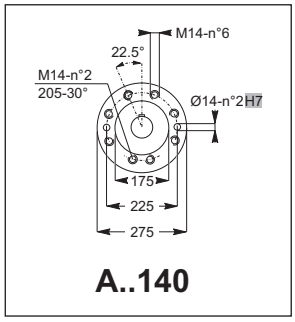
	AMP/F. - ACP/F.								
	50	**55**	**60**	**70**	**80**	**90**	**110**	**120**	**140**
F_M	110	110	110	Look picture	156.9	155	Look picture	230	Look picture
G_M(g6)	74	74	74		114	110 (G6)		170	
L_M	16	16	16	20	20	23	31.5	26.5	45.5
R_M	94	94	94	Look picture	136	130	Look picture	200	Look picture
V_M	M8	M8	M8		M10	M10		M12	
U_M	7	6	6	7	13	10	10	18	22



A..70



A..110



A..140

	IEC	50		55		60		70		80		90		100		110		120		140	
		Y	**cMF**	**Y**	**cMF**	**Y**	**cMF**	**Y**	**cMF**	**Y**	**cMF**	**Y**	**cMP**	**Y**	**cMF**	**Y**	**cMF**	**Y**	**cMF**	**Y**	**cMF**
AMP/F../2	**B5**	140	206	160	233.5	160	246	200	284.5	200	298	250	313	250	347.4	250	374	250	440	300	465
		160	206	200	233.5	200	261	250	284.5	250	308	300	345	300	347.4	300	374	300	440	350	474
		200	226	250	244	250	271	300	284.5	300	329	350	364	350	411.4	350	438	350	482.5	400	479
		250	236	—		300	295	—		350	359	—		400	416.4	400	443	400	487.5	450	519
		—																450	496.5	550	519
	B14	120	226	120	233.5	120	261	200	284.5	—				200	347.4	200	374	200	440	—	
		140	226	140	233.5	140	261	—						—		—		—			
		160	236	160	244	160	271	160	262												
						200	295	—													
AMP/F../3	**B5**	140	206	140	228	160	246	160	254.5	200	298	200	331	200	340.4	200	367	200	423	250	457
		160	206	160	228	200	261	200	269.5	250	308	250	338.5	250	350.4	250	377	250	445	300	457
		200	226	200	238	250	271	250	279.5	—				300	370.4	300	397	300	452	350	499.5
		—																		400	504.5
																				450	513.5
																				—	
	B14	120	226	120	238	120	261	120	269.5	—										200	457
		140	226	140	238	140	261	140	269.5											—	
		—				160	271	160	279.5												

ACP/F	50	55	60	70	80	90
	cCP					
ACP/F../2	167	—	202	—	241	—
ACPF../3	167	189	202	210.5	241	271

Le dimensioni cMF si riferiscono alle combinazioni albero/flangia B5 e B14, standard.
Per le dimensioni relative a combinazioni albero/flangia arichiesta, contattare il ns. servizio tecnico.

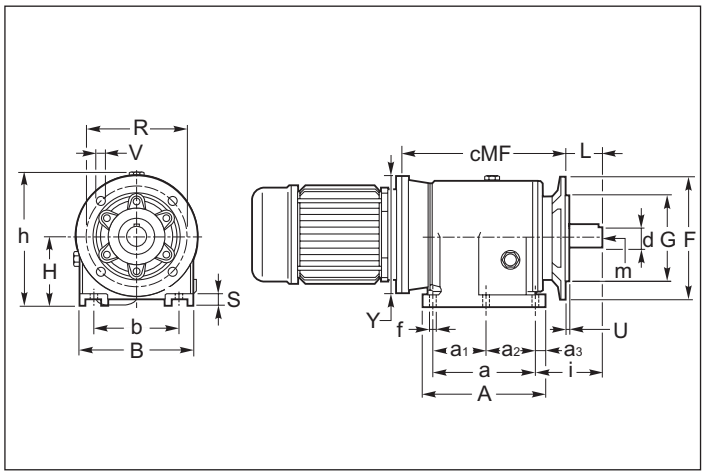
The cMF dimensions refer to the standard B5 and B14 shaft/flange combinations.
As far as the dimensions of shaft/flange combinations on request are concerned, please contact our technical department.

Die Maße cMF beziehen sich auf die Kombinationen Welle/Flansch B5 und B14 Standard. Hinsichtlich der Maße von Kombinationen Welle/Flansch auf Anfrage wenden Sie sich bitte an unseren technischen Kundendienst.

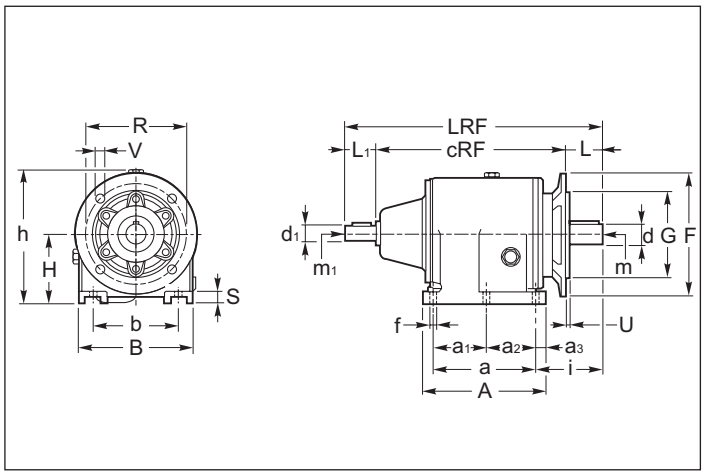
Dimensioni riduttori
Dimensions gearboxes
Abmessungen Getriebes

AM/2-3 - AR/2-3 - AC/2-3

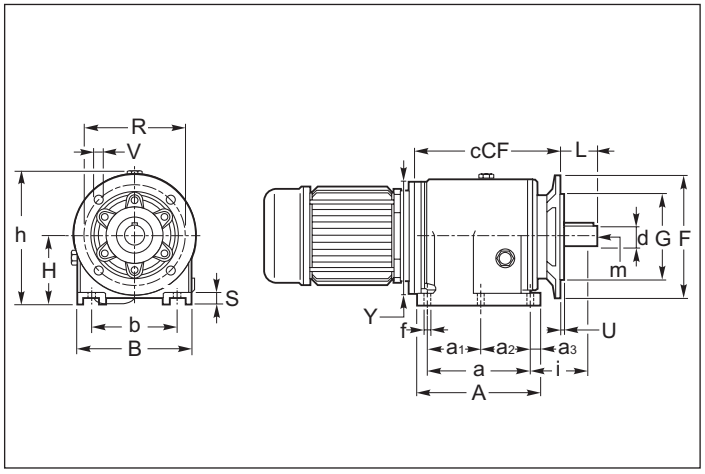
AMP/F1.. (50- 55-60-70-80-90-120-140)



ARP/F1.. (50- 55-60-70-80-90-120-140)

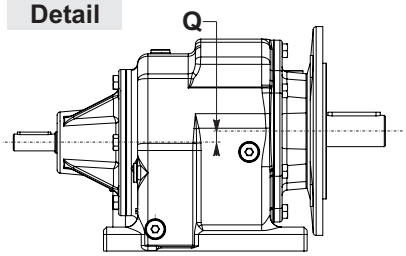


ACP/F1.. (50-55-60-70-80-90)



55-70-90-110-140

Detail



1.8 Dimensioni — *1.8 Dimensions* — 1.8 Abmessungen

AM AC AR	a	a_1	a_2	a_3	A	b	B	cRP	d h6	d_1 j6	f	h	H	i	L	L_1	LRF	m	m_1	Q	S
50	130			12.5	155	110	145	235	25 (24) (30)	16	9.5	170	90	83 (83) (93)	50 (50) (60)	40	325 (325) (335)	M8 (M8) (M10)	M6	—	15
55	165			15	195	135	180	/2 238.5 /3 257.0	30	16	14	203	115	90	60	40	/2 338.5 /3 357.0	M10	M6	11	23
60	165			15	195	135	185	280	30 (28) (35)	19	14	210	115	101 (101) (111)	60 (60) (70)	40	380 (380) (390)	M10 (M10) (M10)	M6	—	20
70	195	—	—	20	235	150	210	/2 266.5 /3 288.5	35	19	14	233	130	100	70	40	/2 376.5 /3 398.5	M10	M6	13.5	23
80	205			20	245	170	230	317	40 (38)	24	20	265	140	123 (123)	80 (80)	50	447 (447)	M10 (M10)	M8	—	25
90	260			25	310	215	280	/2 332.5 /3 347.5	50 (48)	24	20	307	195	140	100	50	/2 482.5 /3 497.5	M12 (M12)	M8	39.5	35
110	310			25	360	250	320	422	60	28	23	352	225	160	120	60	602	M12	M8	36	35
120	310			27.5	365	250	350	491	60	38	23	415	225	191	120	80	691	M12	M10	—	45
140	370			35	440	290	400	/2 458.5 /3 508.0	70	38	27	423	270	185	140	110	/2 708.5 /3 758.0	M16	M10	41.4	60

	AMP/F1.. - ACP/F1..																										
	50				55			60			70		80		90		100		110			120			140		
	F1	F2	F3	F4	F1	F2	F3	F1	F2	F3	F1		F1	F2	F1	F2	F1	F2	F1	F2	F3	F1	F2	F3	F1	F2	F3
F	120	160	200	250	160	200	250	160	200	250	250		250	300	300	350	300	350	350	450	400	350	450	400	350	400	450
F_Q	—	—	—	—	—	—	—	—	—	—	—		—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
G(g6)	80	110	130	180	110	130	180	110	130	180	180	—	180	230	230	250	230	250	250	350	300	250	350	300	250	300	350
R	100	130	165	215	130	165	215	130	165	215	215		215	265	265	300	265	300	300	400	350	300	400	350	300	350	400
V	9	10	13	15	10	13	15	10	13	15	15		15	15	15	19	15	19	19	19*	18	19	19*	18	19	19*	19*
U	3	3.5	3.5	4	3	3.5	3.5	3	3.5	3.5	4		4	4	4	5	4	5	5	5	5	5	5	5	5	5	5

* 8 fori / holes

AMF	IEC	50		55		60		70		80		90		100		110		120		140	
		Y	cMF	Y	cMF	Y	cMF	Y	cMF	Y	cMF	Y	cMF	Y	cMF	Y	cMF	Y	cMF	Y	cMF
AMP/F1../2	**B5**	140	206	160	233.5	160	246	200	284.5	200	298	250	313	250	347.4	250	374	250	440	300	465
		160	206	200	233.5	200	261	250	284.5	250	308	300	345	300	347.4	300	374	300	440	350	474
		200	226	250	243.5	250	271	300	284.5	300	329	350	364	350	411.4	350	438	350	482.5	400	479
		250	236	—		300	295	—		350	359			400	416.4	400	443	400	487.5	450	519
		—																450	496.5	550	519
	B14	120	226	120	233.5	120	261	200	284.5	—				200	347.4	200	374	200	440	—	
		140	226	140	233.5	140	261	—						—		—		—			
		160	236	160	243.5	160	271	160	262												
						200	295	—													
AMP/F1../3	**B5**	140	206	140	228	160	246	160	254.5	200	298	200	331	200	340.4	200	367	200	423	250	457
		160	206	160	228	200	261	200	269.5	250	308	250	338.5	250	350.4	250	377	250	445	300	457
		200	226	200	238	250	271	250	279.5	—				300	370.4	300	397	300	452	350	499.5
		—																		400	504.5
																				450	513.5
														—						—	
	B14	120	226	120	238	120	261	120	269.5											200	457
		140	226	140	238	140	261	140	269.5											—	
		—				160	271	160	279.5												

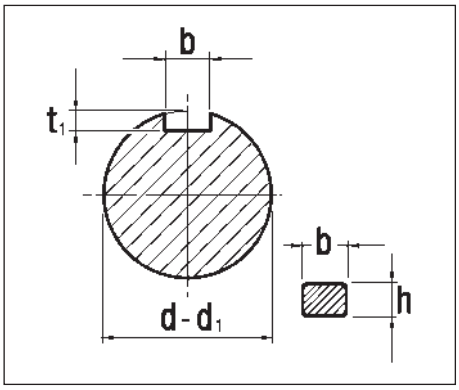
ACP/F1.		50	55	60	70	80	90
		cCP					
ACP/F1../2		167	—	202	—	241	—
ACP/F1../3		167	189	202	210.5	241	271

Le dimensioni cMF si riferiscono alle combinazioni albero/flangia B5 e B14, standard.
Per le dimensioni relative a combinazioni albero/flangia arichiesta, contattare il ns. servizio tecnico.

The cMF dimensions refer to the standard B5 and B14 shaft/flange combinations.
As far as the dimensions of shaft/flange combinations on request are concerned, please contact our technical department.

Die Maße cMF beziehen sich auf die Kombinationen Welle/Flansch B5 und B14 Standard. Hinsichtlich der Maße von Kombinationen Welle/Flansch auf Anfrage wenden Sie sich bitte an unseren technischen Kundendienst.

1.9 Linguette — *1.9 Keys* — 1.9 Federn



Albero entrata
Input shaft
Antriebswelle

d_1	b x h	t_1	
16	5 x 5	3.0	+ 0.1 0
19	6 x 6	3.5	
24	8 x 7	4.0	+ 0.2 0
28	8 x 7	4.0	

Albero uscita
Output shaft
Abtriebswelle

d	b x h	t_1	
11	4 x 4	2.5	
14	5 x 5	3.0	
16	5 x 5	3.0	+ 0.1 0
19	6 x 6	3.5	
20	6 x 6	3.5	
24	8 x 7	4.0	
25	8 x 7	4.0	
28	8 x 7	4.0	
30	8 x 7	4.0	
35	10 x 8	5.0	+ 0.2 0
38	10 x 8	5.0	
40	12 x 8	5.0	
48	14 x 9	5.5	
50	14 x 9	5.5	
60	18 x 11	7.0	
70	20 x 12	7.5	+ 0.3 0