

19 - DESIGNAZIONE

19 - ORDERING CODE

19 - BEZEICHNUNG

19 - DESIGNATION

RIDUTTORE / GEAR UNIT
GETRIEBE / REDUCTEURS

A 10 2 UH25 F1A 35.1 S1 VA

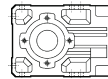
OPZIONI / OPTIONS
OPTIONEN / OPTIONS

22

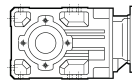
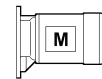
POSIZIONE DI MONTAGGIO / MOUNTING POSITION
EINBAULAGEN / POSITION DE MONTAGE
B3 (Standard), B6, B7, B8, VA, VB

26

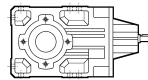
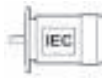
DESIGNAZIONE INGRESSO / INPUT CONFIGURATION
BEZEICHNUNG DER ANTRIEBSSEITE / DESIGNATION ENTREE



S05 S3
S1 S4
S2 S5



P63 P132
P71 P160
P80 P180
P90 P200
P100 P225
P112 P250



HS

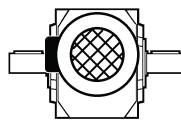
RAPPORTO DI RIDUZIONE / GEAR RATIO
ÜBERSETZUNG / RAPPORT DE REDUCTION

GRANDEZZA E POSIZIONE FLANGIA DI USCITA (specificare solo se richiesta)
OUTPUT FLANGE SIZE AND POSITION (specify only if requested)
BAUGRÖSSE UND LAGE DER ANTRIEBSFLANSCH (angeben nur wenn angefragt)
TAILLE ET POSITION BRIDE EN SORTIE (spécifier seulement sur demande)
F = Versione flangiata / Flanged version / Ausführung mit Flansch / Version avec bride
1,2 = Posizione flangia / Flange position / Flanschlage / Position bride
A,B,C = Grandezza flangia / Flange size / Flanschgröße / Taille bride

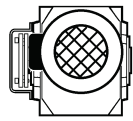
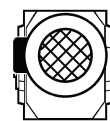
FORMA COSTRUTTIVA / VERSION / BAUFORM / FORME DE CONSTRUCTION



NR (A10-A60)
standard
UR (A70-A90)
standard
UR (A10-A60)



ND (A10-A60)
standard
UD (A70-A90)
standard
UD (A10-A60)



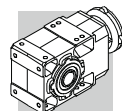
US (A10-A90)

	A10	A20	A30	A41	A50	A60	A70	A80	A90
Standard	NH25	NH30	NH35	NH45	NH50	NH60	UH70	UH80	UH90
Alt.	UH25	UH30	UH35	UH45	UH50	UH60	—	—	—
	UH30	UH35	UH40	UH40	UH55	UH70	UH80	UH90	UH100

N° STADI DI RIDUZIONE / REDUCTIONS
ANZAHL DER GETRIEBESTUFEN / IN.bre ETAGES DE REDUCTION
2 (A10 - A60), 3 (A20 - A90), 4 (A50 - A90)

GRANDEZZA RIDUTTORE / GEAR FRAME SIZE / GETRIEBEBAUGRÖSSE / TAILLE REDUCTEUR
10, 20, 30, 41, 50, 60, 70, 80, 90

TIPO RIDUTTORE: **A** = angolare GEARBOX TYPE: **A** = helical-bevel
GETRIEBETYP: **A** = Kegelradgetriebe TYPE DU REDUCTEUR: **A** = arbres orthogonaux



Designazione motore *Motor designation* Motor bezeichnung *Designation moteur*

MOTORE / MOTOR
MOTOR / MOTEUR

FRENO / BRAKE
BREMSE / FREIN

M 1LA 4 230/400-50 IP54 CLF ... **W FD 7.5 R SB 220 SA** ...

OPZIONI
OPTIONS
OPTIONEN
OPTIONS

22

ALIMENTAZ. FRENO
BRAKE SUPPLY
BREMSVERSORGUNG
ALIMENTATION FREIN

125

130

134

TIPO ALIMENTATORE
RECTIFIER TYPE
GLEICHRICHTERTYP
TYPE ALIMENTATEUR
NB, SB, NBR, SBR

126

LEVA DI SBLOCCO FRENO
BRAKE HAND RELEASE
BRESENTHANDLÜFTUNG
LEVIER DE DEBLOCAGE FREIN
R, RM

137

COPPIA FRENANTE / BRAKE TORQUE
BREMSMOMENT/ COUPLE FREIN

127

131

135

TIPO FRENO / BRAKE TYPE
BRESENTYP / TYPE DE FREIN

124

129

133

FD (freno c.c./ d.c. brake / G.S. Bremse / frein c.c.)
FA, BA (freno c.a./ a.c. brake / W.S. Bremse / frein c.a.)

POSIZIONE MORSETTIERA / TERMINAL BOX POSITION
KLEMMENKASTENLAGE / POSITION BOITE A BORNE
W (default), **N, E, S**

26

FORMA COSTRUTTIVA / MOTOR MOUNTING
BAUFORM / FORM DE CONSTRUCTION

— (motore integrato / compact motor / kompaktes Motor / moteur compact)
B5 (motore IEC / IEC - motor / IEC Motor / moteur CEI)

CLASSE ISOLAMENTO / INSULATION CLASS
ISOLIERUNGSKLASSE / CLASSE ISOLATION

CL F standard
CL H option

118

GRADO DI PROTEZIONE / DEGREE OF PROTECTION
SCHUTZART / DEGRE DE PROTECTION

IP55 standard (IP54 - autofr./brake motor/ Bremssmotor / moteur frein)

112

TENSIONE - FREQUENZA / VOLTAGE - FREQUENCY
SPANNUNG - FREQUENZ / TENSION - FREQUENCE

116

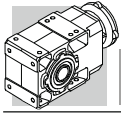
NUMERO DI POLI / POLE NUMBER / POLZAHL / N.bre POLES
2, 4, 6, 2/4, 2/6, 2/8, 2/12

GRANDEZZA MOTORE / MOTOR SIZE / MOTOR-BAUGRÖSSE / TAILLE MOTEUR

05B - 5LA (motore integrato / compact motor / kompaktes Motor / moteur compact)
63A - 250M (motore IEC / IEC motor / IEC - motor / moteur CEI)

TIPO MOTORE/ MOTOR TYPE / MOTORTYP / TYPE MOTEUR

M = trifase integrato / compact 3-phase / kompaktes Dreiphasen / 3 phase compact
BN = trifase IEC / IEC 3-phase / IEC Dreiphasen / 3 phase CEI



A 10

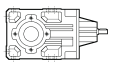

150 Nm

29 - DATI TECNICI
RIDUTTORI

29 - SPEED REDUCER
RATING CHARTS

29 - GETRIEBE
AUSWAHLTABELLEN

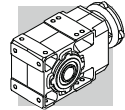
29 - DONNEES TECHNIQUES
REDUCTEURS

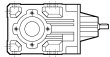

	i	$n_1 = 2800 \text{ min}^{-1}$					$n_1 = 1400 \text{ min}^{-1}$					
		n_2 min^{-1}	Mn_2 Nm	Pn_1 kW	Rn_1 N	Rn_2 N	n_2 min^{-1}	Mn_2 Nm	Pn_1 kW	Rn_1 N	Rn_2 N	
A102_ 5.5	5.5	509	73	4.1	—	1830	255	73	2.1	960	2460	80
A102_ 7.2	7.2	389	92	4.0	—	1910	194	93	2.0	630	2600	
A102_ 9.6	9.6	292	102	3.3	—	2090	146	128	2.1	—	2650	
A102_ 10.6	10.6	264	125	3.7	540	2010	132	150	2.2	810	2590	
A102_ 12.3	12.3	228	110	2.8	—	2280	114	138	1.7	—	2880	
A102_ 13.9	13.9	201	135	3.0	620	2220	101	150	1.7	1080	2960	
A102_ 18.6	18.6	151	147	2.5	650	2460	75	150	1.3	1180	3380	
A102_ 23.8	23.8	118	150	2.0	750	2750	59	150	0.98	1220	3780	
A102_ 28.6	28.6	98	150	1.6	830	3000	49	150	0.82	1250	4100	
A102_ 35.1	35.1	80	150	1.3	880	3300	40	150	0.67	1270	4470	
A102_ 45.4	45.4	62	150	1.0	910	3700	31	150	0.52	1300	4980	
A102_ 51.3	51.3	55	150	0.91	910	3910	27.3	150	0.46	1290	5240	
A102_ 65.9	65.9	42	150	0.71	920	4360	21.2	150	0.35	1300	5500	
A102_ 76.4	76.4	37	150	0.61	930	4640	18.3	150	0.31	1300	5500	
A102_ 91.6	91.6	31	130	0.44	1020	5160	15.3	130	0.22	1300	5500	
		$n_1 = 900 \text{ min}^{-1}$					$n_1 = 500 \text{ min}^{-1}$					
A102_ 5.5	5.5	164	73	1.3	1300	2950	91	73	0.74	1300	3720	80
A102_ 7.2	7.2	125	93	1.3	1160	3130	69	93	0.72	1300	3970	
A102_ 9.6	9.6	94	128	1.3	500	3230	52	128	0.74	1300	4160	
A102_ 10.6	10.6	85	150	1.4	1300	3200	47	150	0.79	1300	4160	
A102_ 12.3	12.3	73	150	1.2	180	3420	41	150	0.68	1030	4430	
A102_ 13.9	13.9	65	150	1.1	1300	3630	36	150	0.60	1300	4680	
A102_ 18.6	18.6	48	150	0.81	1300	4120	26.9	150	0.45	1300	5270	
A102_ 23.8	23.8	38	150	0.63	1300	4570	21.0	150	0.35	1300	5000	
A102_ 28.6	28.6	31	150	0.53	1300	4940	17.5	150	0.29	1300	5000	
A102_ 35.1	35.1	25.6	150	0.43	1300	5380	14.2	150	0.24	1300	5000	
A102_ 45.4	45.4	19.8	150	0.33	1300	5500	11.0	150	0.18	1300	5000	
A102_ 51.3	51.3	17.5	150	0.29	1300	5500	9.7	150	0.16	1300	5000	
A102_ 65.9	65.9	13.7	150	0.23	1300	5500	7.6	150	0.13	1300	5000	
A102_ 76.4	76.4	11.8	150	0.20	1300	5500	6.5	150	0.11	1300	5000	
A102_ 91.6	91.6	9.8	130	0.14	1300	5500	5.5	130	0.08	1300	5000	

(—) Interpellare il ns. servizio tecnico comunicando i dati relativi al carico radiale (senso di rotazione, orientamento, posizione)
 (—) Contact our technical service department advising radial load data (rotation direction, load angle, offset)
 (—) Nehmen Sie bitte Kontakt mit unserem Applikationsdienst und Querkraftsdaten angeben (Drehrichtung, Orientierung, Anordnung)
 (—) Consulter notre service technique en donnant les détails concernant la charge radiale (sens de rotation, indexage, position)

250 Nm

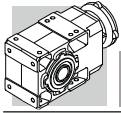
A 20



	i	$n_1 = 2800 \text{ min}^{-1}$					$n_1 = 1400 \text{ min}^{-1}$					
		n_2 min^{-1}	Mn_2 Nm	Pn_1 kW	Rn_1 N	Rn_2 N	n_2 min^{-1}	Mn_2 Nm	Pn_1 kW	Rn_1 N	Rn_2 N	
A 202_ 5.4	5.4	519	90	5.2	—	1950	259	114	3.3	—	2450	83
A 202_ 7.3	7.3	384	104	4.4	—	2130	192	131	2.8	—	2680	
A 202_ 9.4	9.4	298	115	3.8	—	2300	149	145	2.4	—	2900	
A 202_ 10.3	10.3	272	183	5.5	—	1970	136	225	3.4	—	2520	
A 202_ 12.0	12.0	233	128	3.3	—	2480	117	161	2.1	—	3120	
A 202_ 14.1	14.1	199	199	4.4	—	2210	99	245	2.7	—	2820	
A 202_ 18.1	18.1	155	216	3.7	—	2400	77	250	2.2	90	3170	
A 202_ 23.1	23.1	121	232	3.1	—	2620	61	250	1.7	240	3580	
A 202_ 29.2	29.2	96	249	2.7	—	2850	48	250	1.3	390	4000	
A 202_ 35.4	35.4	79	250	2.2	—	3140	40	250	1.1	530	4380	
A 202_ 43.2	43.2	65	250	1.8	—	3460	32	250	0.90	610	4790	
A 202_ 53.7	53.7	52	250	1.5	—	3840	26.1	250	0.73	650	5270	
A 202_ 63.1	63.1	44	245	1.2	—	4180	22.2	245	0.61	770	5680	
A 202_ 79.9	79.9	35	210	0.82	—	4880	17.5	210	0.41	1120	6200	
A 202_ 92.3	92.3	30	200	0.68	610	5250	15.2	200	0.34	1230	6200	
A 203_ 120.5	120.5	23.2	168	0.45	1130	6110	11.6	210	0.28	1300	6200	
A 203_ 146.1	146.1	19.2	183	0.40	1160	6200	9.6	230	0.25	1300	6200	
A 203_ 178.3	178.3	15.7	195	0.35	1200	6200	7.9	245	0.22	1300	6200	
A 203_ 221.3	221.3	12.7	203	0.30	1240	6200	6.3	250	0.18	1300	6200	
A 203_ 260.5	260.5	10.7	214	0.26	1270	6200	5.4	250	0.15	1300	6200	
A 203_ 329.4	329.4	8.5	221	0.22	1300	6200	4.3	250	0.12	1300	6200	
A 203_ 380.9	380.9	7.4	226	0.19	1300	6200	3.7	250	0.11	1300	6200	

		$n_1 = 900 \text{ min}^{-1}$					$n_1 = 500 \text{ min}^{-1}$					
A 202_ 5.4	5.4	167	132	2.5	—	2840	93	161	1.7	—	3450	83
A 202_ 7.3	7.3	123	152	2.1	—	3110	68	185	1.4	—	3780	
A 202_ 9.4	9.4	96	168	1.8	—	3360	53	204	1.2	—	4090	
A 202_ 10.3	10.3	87	250	2.4	—	2990	49	250	1.4	640	3980	
A 202_ 12.0	12.0	75	187	1.6	—	3610	42	210	0.97	—	4510	
A 202_ 14.1	14.1	64	250	1.8	310	3490	35	250	0.99	1060	4590	
A 202_ 18.1	18.1	50	250	1.4	570	3930	27.6	250	0.77	1320	5140	
A 202_ 23.1	23.1	39	250	1.1	720	4400	21.6	250	0.60	1480	5710	
A 202_ 29.2	29.2	31	250	0.86	870	4890	17.1	250	0.48	1630	6200	
A 202_ 35.4	35.4	25.4	250	0.71	1010	5330	14.1	250	0.39	1770	6200	
A 202_ 43.2	43.2	20.8	250	0.58	1090	5800	11.6	250	0.32	1850	6200	
A 202_ 53.7	53.7	16.8	250	0.47	1130	6200	9.3	250	0.26	1890	6200	
A 202_ 63.1	63.1	14.3	245	0.39	1250	6200	7.9	245	0.22	1950	6200	
A 202_ 79.9	79.9	11.3	210	0.26	1590	6200	6.3	210	0.15	2050	6200	
A 202_ 92.3	92.3	9.8	200	0.22	1620	6200	5.4	200	0.12	2080	6200	
A 203_ 120.5	120.5	7.5	245	0.21	1300	6200	4.1	250	0.12	1300	6200	
A 203_ 146.1	146.1	6.2	250	0.18	1300	6200	3.4	250	0.10	1300	6200	
A 203_ 178.3	178.3	5.0	250	0.15	1300	6200	2.8	250	0.08	1300	6200	
A 203_ 221.3	221.3	4.1	250	0.12	1300	6200	2.3	250	0.06	1300	6200	
A 203_ 260.5	260.5	3.5	250	0.10	1300	6200	1.9	250	0.06	1300	6200	
A 203_ 329.4	329.4	2.7	250	0.08	1300	6200	1.5	250	0.04	1300	6200	
A 203_ 380.9	380.9	2.4	250	0.07	1300	6200	1.3	250	0.04	1300	6200	

- (—) Interpellare il ns. servizio tecnico comunicando i dati relativi al carico radiale (senso di rotazione, orientamento, posizione)
- (—) Contact our technical service department advising radial load data (rotation direction, load angle, offset)
- (—) Nehmen Sie bitte Kontakt mit unserem Applikationsdienst und Querkraftsdaten angeben (Drehrichtung, Orientierung, Anordnung)
- (—) Consulter notre service technique en donnant les détails concernant la charge radiale (sens de rotation, indexage, position)



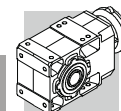
A 30

410 Nm

i	$n_1 = 2800 \text{ min}^{-1}$					$n_1 = 1400 \text{ min}^{-1}$					
	n_2 min^{-1}	Mn_2 Nm	Pn_1 kW	Rn_1 N	Rn_2 N	n_2 min^{-1}	Mn_2 Nm	Pn_1 kW	Rn_1 N	Rn_2 N	
A 302_ 5.4	519	175	10.1	—	2480	259	220	6.4	—	3130	86
A 302_ 7.0	400	194	8.6	—	2690	200	245	5.5	—	3380	
A 302_ 9.3	301	214	7.2	—	2950	151	270	4.5	—	3710	
A 302_ 10.5	267	278	8.3	670	2770	133	340	5.0	980	3550	
A 302_ 11.8	237	230	6.1	—	3200	119	290	3.8	—	4030	
A 302_ 13.6	206	301	6.9	770	3030	103	370	4.2	1080	3870	
A 302_ 18.0	156	327	5.7	820	3350	78	400	3.5	1160	4290	
A 302_ 22.8	123	351	4.8	820	3640	61	410	2.8	1350	4770	
A 302_ 29.3	96	378	4.0	780	3980	48	410	2.2	1600	5400	
A 302_ 36.6	77	404	3.4	710	4310	38	410	1.7	1770	6010	
A 302_ 43.4	65	410	2.9	760	4660	32	410	1.5	1870	6490	
A 302_ 52.7	53	410	2.4	850	5130	26.6	410	1.2	1920	7080	
A 302_ 66.0	42	390	1.8	1110	5840	21.2	390	0.92	1980	7940	
A 302_ 76.5	37	350	1.4	1480	6480	18.3	350	0.71	2070	8690	
A 302_ 97.5	28.7	300	0.96	1610	7480	14.4	300	0.48	2180	9600	
A 303_ 120.5	23.2	243	0.65	1120	8540	11.6	300	0.40	1300	9600	
A 303_ 150.7	18.6	261	0.56	1170	9210	9.3	330	0.35	1300	9600	
A 303_ 178.5	15.7	274	0.49	1210	9600	7.8	345	0.31	1300	9600	
A 303_ 216.6	12.9	287	0.43	1240	9600	6.5	360	0.27	1300	9600	
A 303_ 271.5	10.3	301	0.36	1280	9600	5.2	380	0.23	1300	9600	
A 303_ 314.5	8.9	309	0.32	1300	9600	4.5	390	0.20	1300	9600	
A 303_ 400.8	7.0	320	0.26	1300	9600	3.5	360	0.14	1300	9600	

	$n_1 = 900 \text{ min}^{-1}$					$n_1 = 500 \text{ min}^{-1}$					
A 302_ 5.4	167	255	4.7	—	3630	93	300	3.1	—	4470	86
A 302_ 7.0	129	284	4.1	—	3920	71	300	2.4	850	5040	
A 302_ 9.3	97	300	3.2	—	4380	54	300	1.8	1480	5710	
A 302_ 10.5	86	391	3.7	1180	4130	48	410	2.2	2200	5400	
A 302_ 11.8	76	300	2.5	530	4880	42	300	1.4	1880	6320	
A 302_ 13.6	66	410	3.0	1470	4600	37	410	1.7	2200	6110	
A 302_ 18.0	50	410	2.3	1920	5280	27.8	410	1.3	2200	6940	
A 302_ 22.8	39	410	1.8	2190	5910	21.9	410	1.0	2200	7700	
A 302_ 29.3	31	410	1.4	2200	6640	17.1	410	0.78	2200	8590	
A 302_ 36.6	24.6	410	1.1	2200	7340	13.7	410	0.62	2200	9440	
A 302_ 43.4	20.7	410	0.95	2200	7900	11.5	410	0.53	2200	9600	
A 302_ 52.7	17.1	410	0.78	2200	8590	9.5	410	0.43	2200	9600	
A 302_ 66.0	13.6	390	0.59	2200	9560	7.6	390	0.33	2200	9600	
A 302_ 76.5	11.8	350	0.46	2200	9600	6.5	350	0.25	2200	9600	
A 302_ 97.5	9.2	300	0.31	2200	9600	5.1	300	0.17	2200	9600	
A 303_ 120.5	7.5	354	0.30	1300	9600	4.1	410	0.20	1300	9600	
A 303_ 150.7	6.0	381	0.26	1300	9600	3.3	410	0.16	1300	9600	
A 303_ 178.5	5.0	400	0.23	1300	9600	2.8	410	0.13	1300	9600	
A 303_ 216.6	4.2	410	0.20	1300	9600	2.3	410	0.11	1300	9600	
A 303_ 271.5	3.3	410	0.16	1300	9600	1.8	410	0.09	1300	9600	
A 303_ 314.5	2.9	410	0.14	1300	9600	1.6	410	0.08	1300	9600	
A 303_ 400.8	2.2	360	0.09	1300	9600	1.2	360	0.05	1300	9600	

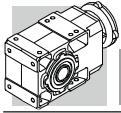
(→) Interpellare il ns. servizio tecnico comunicando i dati relativi al carico radiale (senso di rotazione, orientamento, posizione)
 (→) Contact our technical service department advising radial load data (rotation direction, load angle, offset)
 (→) Nehmen Sie bitte Kontakt mit unserem Applikationsdienst und Querkraftsdaten angeben (Drehrichtung, Orientierung, Anordnung)
 (→) Consulter notre service technique en donnant les détails concernant la charge radiale (sens de rotation, indexage, position)



	i	$n_1 = 2800 \text{ min}^{-1}$					$n_1 = 1400 \text{ min}^{-1}$					
		n_2 min^{-1}	Mn_2 Nm	Pn_1 kW	Rn_1 N	Rn_2 N	n_2 min^{-1}	Mn_2 Nm	Pn_1 kW	Rn_1 N	Rn_2 N	
A 412_ 5.2		538	450	27	—	4350	269	550	16.5	—	5560	89
A 412_ 7.1		394	490	22	—	4850	197	550	12.1	—	6430	
A 412_ 9.2		304	530	18.0	—	5300	152	550	9.3	—	7240	
A 412_ 10.1		277	435	13.4	1520	6030	139	535	8.3	2050	7650	
A 412_ 11.7		239	550	14.7	—	5870	120	550	7.3	—	8070	
A 412_ 13.8		203	480	10.8	1580	6680	101	585	6.6	2170	8510	
A 412_ 17.8		157	515	9.0	1720	7310	79	630	5.5	2330	9300	
A 412_ 22.7		123	550	7.6	1680	7970	62	680	4.7	2220	10100	
A 412_ 28.3		99	595	6.6	1570	8570	49	730	4.0	2130	10900	
A 412_ 35.9		78	635	5.5	1490	9320	39	780	3.4	2030	11800	
A 412_ 45.1		62	680	4.7	1400	10100	31	830	2.9	1950	12800	
A 412_ 53.1		53	700	4.1	1370	10700	26.4	850	2.5	1950	13700	
A 412_ 64.2		44	740	3.6	1220	11500	21.8	850	2.1	2080	14800	
A 412_ 79.2		35	800	3.2	880	12300	17.7	800	1.6	2470	15000	
A 413_ 92.8		30	650	2.3	—	14000	15.1	800	1.4	—	15000	
A 413_ 115.9		24.2	800	2.2	—	14600	12.1	850	1.2	—	15000	
A 413_ 146.9		19.1	850	1.9	—	15000	9.5	850	0.93	530	15000	
A 413_ 184.4		15.2	850	1.5	—	15000	7.6	850	0.74	1040	15000	
A 413_ 217.4		12.9	850	1.3	710	15000	6.4	850	0.63	1340	15000	
A 413_ 262.5		10.7	850	1.0	1000	15000	5.3	850	0.52	1440	15000	
A 413_ 324.2		8.6	850	0.84	1140	15000	4.3	850	0.42	1510	15000	
A 413_ 376.8		7.4	850	0.73	1180	15000	3.7	850	0.36	1550	15000	

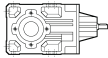

		$n_1 = 900 \text{ min}^{-1}$					$n_1 = 500 \text{ min}^{-1}$					
A 412_ 5.2		173	550	10.6	—	6850	96	550	5.9	—	8900	89
A 412_ 7.1		127	550	7.8	—	7870	70	550	4.3	810	10100	
A 412_ 9.2		98	550	6.0	—	8800	54	550	3.3	1800	11300	
A 412_ 10.1		89	610	6.1	2480	8920	50	730	4.0	3150	10900	
A 412_ 11.7		77	550	4.7	—	9760	43	550	2.6	2300	12400	
A 412_ 13.8		65	670	4.9	2590	9900	36	800	3.2	3290	12100	
A 412_ 17.8		51	720	4.1	2790	10800	28.1	850	2.7	3500	13300	
A 412_ 22.7		40	780	3.4	2640	11700	22.0	850	2.1	3500	14800	
A 412_ 28.3		32	830	2.9	2590	12700	17.7	850	1.7	3500	15000	
A 412_ 35.9		25.1	850	2.4	2740	14000	13.9	850	1.3	3500	15000	
A 412_ 45.1		20.0	850	1.9	3030	15000	11.1	850	1.0	3500	15000	
A 412_ 53.1		16.9	850	1.6	3170	15000	9.4	850	0.89	3500	15000	
A 412_ 64.2		14.0	850	1.3	3300	15000	7.8	850	0.74	3500	15000	
A 412_ 79.2		11.4	800	1.0	3500	15000	6.3	800	0.56	3500	15000	
A 413_ 92.8		9.7	800	0.89	—	15000	5.4	800	0.50	540	15000	
A 413_ 115.9		7.8	850	0.76	—	15000	4.3	850	0.42	1100	15000	
A 413_ 146.9		6.1	850	0.60	1010	15000	3.4	850	0.33	1770	15000	
A 413_ 184.4		4.9	850	0.48	1520	15000	2.7	850	0.27	2020	15000	
A 413_ 217.4		4.1	850	0.40	1650	15000	2.3	850	0.22	2100	15000	
A 413_ 262.5		3.4	850	0.34	1720	15000	1.9	850	0.19	2180	15000	
A 413_ 324.2		2.8	850	0.27	1800	15000	1.5	850	0.15	2200	15000	
A 413_ 376.8		2.4	850	0.23	1840	15000	1.3	850	0.13	2200	15000	

- (—) Interpellare il ns. servizio tecnico comunicando i dati relativi al carico radiale (senso di rotazione, orientamento, posizione)
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 (—) Consulter notre service technique en donnant les détails concernant la charge radiale (sens de rotation, indexage, position)

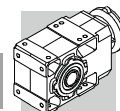


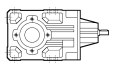

A 50

1500 Nm

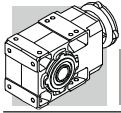
	i	$n_1 = 2800 \text{ min}^{-1}$					$n_1 = 1400 \text{ min}^{-1}$					
		n_2 min^{-1}	Mn_2 Nm	Pn_1 kW	Rn_1 N	Rn_2 N	n_2 min^{-1}	Mn_2 Nm	Pn_1 kW	Rn_1 N	Rn_2 N	
A 502_ 7.7		364	550	22	—	7920	182	700	14.2	—	9960	92
A 502_ 9.7		289	600	19.3	—	8530	144	750	12.1	—	10800	
A 502_ 13.1		214	600	14.3	—	9600	107	750	8.9	—	12100	
A 502_ 16.6		169	640	12.0	—	10400	84	800	7.5	—	13100	
A 502_ 20.9		134	640	9.6	520	11400	67	800	6.0	710	14400	
A 503_ 24.0		117	1150	15.4	810	7020	58	1500	10.1	790	8540	
A 503_ 26.4		106	1200	14.6	1080	7170	53	1500	9.2	1420	9100	
A 503_ 32.4		86	1290	12.8	760	4630	43	1500	7.5	1480	10400	
A 503_ 35.6		79	1340	12.1	1060	7830	39	1500	6.8	2050	11000	
A 503_ 40.9		68	1415	11.1	710	8130	34	1500	5.9	1970	11900	
A 503_ 45.0		62	1470	10.5	1000	8340	31	1500	5.4	2490	12600	
A 503_ 51.7		54	1500	9.3	640	8970	27.1	1500	4.7	2230	13600	
A 503_ 56.8		49	1500	8.5	1130	9540	24.6	1500	4.3	2720	14400	
A 503_ 63.9		44	1500	7.6	870	10300	21.9	1500	3.8	2460	15300	
A 503_ 70.2		40	1500	6.9	1350	10900	19.9	1500	3.4	2940	16100	
A 503_ 81.5		34	1500	5.9	1150	11900	17.2	1500	3.0	2740	17300	
A 503_ 89.5		31	1500	5.4	1600	12600	15.6	1500	2.7	3070	18200	
A 503_ 99.5		28.1	1500	4.9	1250	13400	14.1	1500	2.4	2840	19200	
A 503_ 109.4		25.6	1500	4.4	1690	14100	12.8	1500	2.2	3090	20000	
A 503_ 118.0		23.7	1500	4.1	1390	14700	11.9	1500	2.0	2980	20000	
A 503_ 129.7		21.6	1500	3.7	1820	15400	10.8	1500	1.9	3120	20000	
A 503_ 140.6		19.9	1500	3.4	1440	16100	10.0	1500	1.7	3030	20000	
A 503_ 154.6		18.1	1500	3.1	1860	16900	9.1	1500	1.6	3140	20000	
A 503_ 173.4		16.1	1500	2.8	1480	17900	8.1	1500	1.4	3060	20000	
A 503_ 190.6		14.7	1500	2.5	1900	18800	7.3	1500	1.3	3150	20000	
A 504_ 211.0		13.3	1500	2.3	1320	20000	6.6	1500	1.2	2030	20000	
A 504_ 232.0		12.1	1500	2.1	1530	20000	6.0	1500	1.1	2090	20000	
A 504_ 260.9		10.7	1500	1.9	1600	20000	5.4	1500	0.95	2170	20000	
A 504_ 286.8		9.8	1500	1.7	1650	20000	4.9	1500	0.86	2200	20000	
A 504_ 332.6		8.4	1500	1.5	1720	20000	4.2	1500	0.74	2200	20000	
A 504_ 365.6		7.7	1500	1.4	1770	20000	3.8	1500	0.68	2200	20000	
A 504_ 406.4		6.9	1500	1.2	1810	20000	3.4	1500	0.61	2200	20000	
A 504_ 446.8		6.3	1500	1.1	1840	20000	3.1	1500	0.55	2200	20000	
A 504_ 481.6		5.8	1500	1.0	1860	20000	2.9	1500	0.51	2200	20000	
A 504_ 529.5		5.3	1500	0.93	1890	20000	2.6	1500	0.47	2200	20000	
A 504_ 574.2		4.9	1500	0.86	1920	20000	2.4	1500	0.43	2200	20000	
A 504_ 631.2		4.4	1500	0.78	1940	20000	2.2	1500	0.39	2200	20000	
A 504_ 707.9		4.0	1500	0.70	1970	20000	2.0	1500	0.35	2200	20000	
A 504_ 778.2		3.6	1500	0.63	1980	20000	1.8	1500	0.32	2200	20000	

(—) Interpellare il ns. servizio tecnico comunicando i dati relativi al carico radiale (senso di rotazione, orientamento, posizione)
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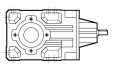

	i	$n_1 = 900 \text{ min}^{-1}$					$n_1 = 500 \text{ min}^{-1}$					
		n_2 min^{-1}	Mn_2 Nm	Pn_1 kW	Rn_1 N	Rn_2 N	n_2 min^{-1}	Mn_2 Nm	Pn_1 kW	Rn_1 N	Rn_2 N	
A 502_ 7.7		117	770	10.0	—	11700	65	900	6.5	—	14300	92
A 502_ 9.7		93	830	8.6	—	12600	52	1000	5.7	—	15300	
A 502_ 13.1		69	830	6.4	690	14200	38	1000	4.3	940	17300	
A 502_ 16.6		54	880	5.3	880	15400	30	1000	3.4	1720	18900	
A 502_ 20.9		43	880	4.2	1240	16800	23.9	1000	2.7	2120	20000	
A 503_ 24.0		38	1500	6.5	2010	11300	20.8	1500	3.6	3500	15700	
A 503_ 26.4		34	1500	5.9	2640	12000	18.9	1500	3.3	3500	16500	
A 503_ 32.4		27.8	1500	4.8	2710	13400	15.4	1500	2.7	3500	18300	
A 503_ 35.6		25.3	1500	4.4	3270	14200	14.0	1500	2.4	3500	19200	
A 503_ 40.9		22.0	1500	3.8	3190	15300	12.2	1500	2.1	3500	20000	
A 503_ 45.0		20.0	1500	3.5	3500	16000	11.1	1500	1.9	3500	20000	
A 503_ 51.7		17.4	1500	3.0	3450	17200	9.7	1500	1.7	3500	20000	
A 503_ 56.8		15.8	1500	2.7	3500	18100	8.8	1500	1.5	3500	20000	
A 503_ 63.9		14.1	1500	2.4	3500	19200	7.8	1500	1.4	3500	20000	
A 503_ 70.2		12.8	1500	2.2	3500	20000	7.1	1500	1.2	3500	20000	
A 503_ 81.5		11.0	1500	1.9	3500	20000	6.1	1500	1.1	3500	20000	
A 503_ 89.5		10.1	1500	1.7	3500	20000	5.6	1500	0.96	3500	20000	
A 503_ 99.5		9.0	1500	1.6	3500	20000	5.0	1500	0.87	3500	20000	
A 503_ 109.4		8.2	1500	1.4	3500	20000	4.6	1500	0.79	3500	20000	
A 503_ 118.0		7.6	1500	1.3	3500	20000	4.2	1500	0.73	3500	20000	
A 503_ 129.7		6.9	1500	1.2	3500	20000	3.9	1500	0.67	3500	20000	
A 503_ 140.6		6.4	1500	1.1	3500	20000	3.6	1500	0.61	3500	20000	
A 503_ 154.6		5.8	1500	1.0	3500	20000	3.2	1500	0.56	3500	20000	
A 503_ 173.4		5.2	1500	0.90	3500	20000	2.9	1500	0.50	3500	20000	
A 503_ 190.6		4.7	1500	0.82	3500	20000	2.6	1500	0.45	3500	20000	
A 504_ 211.0		4.3	1500	0.75	2200	20000	2.4	1500	0.42	2200	20000	
A 504_ 232.0		3.9	1500	0.68	2200	20000	2.2	1500	0.38	2200	20000	
A 504_ 260.9		3.4	1500	0.61	2200	20000	1.9	1500	0.34	2200	20000	
A 504_ 286.8		3.1	1500	0.55	2200	20000	1.7	1500	0.31	2200	20000	
A 504_ 332.6		2.7	1500	0.48	2200	20000	1.5	1500	0.27	2200	20000	
A 504_ 365.6		2.5	1500	0.43	2200	20000	1.4	1500	0.24	2200	20000	
A 504_ 406.4		2.2	1500	0.39	2200	20000	1.2	1500	0.22	2200	20000	
A 504_ 446.8		2.0	1500	0.36	2200	20000	1.1	1500	0.20	2200	20000	
A 504_ 481.6		1.9	1500	0.33	2200	20000	1.0	1500	0.18	2200	20000	
A 504_ 529.5		1.7	1500	0.30	2200	20000	0.94	1500	0.17	2200	20000	
A 504_ 574.2		1.6	1500	0.28	2200	20000	0.87	1500	0.15	2200	20000	
A 504_ 631.2		1.4	1500	0.25	2200	20000	0.79	1500	0.14	2200	20000	
A 504_ 707.9		1.3	1500	0.22	2200	20000	0.71	1500	0.12	2200	20000	
A 504_ 778.2		1.2	1500	0.20	2200	20000	0.64	1500	0.11	2200	20000	

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A 60

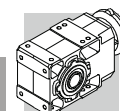
2800 Nm

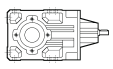

	i	$n_1 = 2800 \text{ min}^{-1}$					$n_1 = 1400 \text{ min}^{-1}$					
		n_2 min^{-1}	Mn_2 Nm	Pn_1 kW	Rn_1 N	Rn_2 N	n_2 min^{-1}	Mn_2 Nm	Pn_1 kW	Rn_1 N	Rn_2 N	
A 602_ 7.9		354	950	38	—	22500	177	1200	24	—	27700	95
A 602_ 10.3		272	950	29	—	24600	136	1200	18	—	30000	
A 602_ 12.7		220	1000	25	—	26200	110	1250	15.3	580	30000	
A 602_ 16.7		168	1100	21	680	28600	84	1300	12.1	1040	30000	
A 602_ 20.6		136	2760	42	720	30000	68	1400	10.6	800	30000	
A 603_ 25.7		109	2800	35	—	26900	54	2800	17.6	590	30000	
A 603_ 27.9		100	2800	32	—	27700	50	2800	16.2	1440	30000	
A 603_ 31.7		88	2800	28	—	29000	44	2800	14.2	1370	30000	
A 603_ 34.3		82	2800	26	—	30000	41	2800	13.2	2160	30000	
A 603_ 41.7		67	2800	22	—	30000	34	2800	10.8	2180	30000	
A 603_ 45.2		62	2800	20	510	30000	31	2800	10.0	2910	30000	
A 603_ 51.3		55	2800	17.6	—	30000	27.3	2800	8.8	2660	30000	
A 603_ 55.6		50	2800	16.2	950	30000	25.2	2800	8.1	3350	30000	
A 603_ 65.0		43	2800	13.9	690	30000	21.5	2800	6.9	3090	30000	
A 603_ 70.4		40	2800	12.8	1350	30000	19.9	2800	6.4	3750	30000	
A 603_ 79.7		35	2800	11.3	990	30000	17.6	2800	5.7	3390	30000	
A 603_ 86.4		32	2800	10.4	1620	30000	16.2	2800	5.2	4000	30000	
A 603_ 99.5		28.1	2800	9.1	1240	30000	14.1	2800	4.5	3640	30000	
A 603_ 107.8		26.0	2800	8.4	1860	30000	13.0	2800	4.2	4050	30000	
A 603_ 123.0		22.8	2800	7.3	1500	30000	11.4	2800	3.7	3900	30000	
A 603_ 133.3		21.0	2800	6.8	2090	30000	10.5	2800	3.4	4100	30000	
A 603_ 144.0		19.4	2800	6.3	1620	30000	9.7	2800	3.1	4010	30000	
A 603_ 156.0		17.9	2800	5.8	2210	30000	9.0	2800	2.9	4130	30000	
A 603_ 171.5		16.3	2800	5.3	1690	30000	8.2	2800	2.6	4030	30000	
A 603_ 185.8		15.1	2800	4.9	2270	30000	7.5	2800	2.4	4140	30000	
A 604_ 208.7		13.4	2800	4.4	1780	30000	6.7	2800	2.2	3110	30000	
A 604_ 226.1		12.4	2800	4.1	2110	30000	6.2	2800	2.0	3190	30000	
A 604_ 264.3		10.6	2800	3.5	2480	30000	5.3	2800	1.7	3320	30000	
A 604_ 286.3		9.8	2800	3.2	2530	30000	4.9	2800	1.6	3370	30000	
A 604_ 324.2		8.6	2800	2.8	2620	30000	4.3	2800	1.4	3460	30000	
A 604_ 351.2		8.0	2800	2.6	2660	30000	4.0	2800	1.3	3500	30000	
A 604_ 404.7		6.9	2800	2.3	2740	30000	3.5	2800	1.1	3500	30000	
A 604_ 438.4		6.4	2800	2.1	2780	30000	3.2	2800	1.1	3500	30000	
A 604_ 500.3		5.6	2800	1.8	2830	30000	2.8	2800	0.92	3500	30000	
A 604_ 542.0		5.2	2800	1.7	2860	30000	2.6	2800	0.85	3500	30000	
A 604_ 585.8		4.8	2800	1.6	2890	30000	2.4	2800	0.79	3500	30000	
A 604_ 634.6		4.4	2800	1.5	2920	30000	2.2	2800	0.73	3500	30000	
A 604_ 697.3		4.0	2800	1.3	2950	30000	2.0	2800	0.66	3500	30000	
A 604_ 755.4		3.7	2800	1.2	2970	30000	1.9	2800	0.61	3500	30000	

(—) Interpellare il ns. servizio tecnico comunicando i dati relativi al carico radiale (senso di rotazione, orientamento, posizione)
 (—) Contact our technical service department advising radial load data (rotation direction, load angle, offset)
 (—) Nehmen Sie bitte Kontakt mit unserem Applikationsdienst und Querkraftsdaten angeben (Drehrichtung, Orientierung, Anordnung)
 (—) Consulter notre service technique en donnant les détails concernant la charge radiale (sens de rotation, indexage, position)

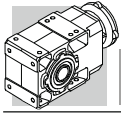
2800 Nm

A 60



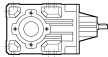

	i	$n_1 = 900 \text{ min}^{-1}$					$n_1 = 500 \text{ min}^{-1}$					
		n_2 min^{-1}	Mn_2 Nm	Pn_1 kW	Rn_1 N	Rn_2 N	n_2 min^{-1}	Mn_2 Nm	Pn_1 kW	Rn_1 N	Rn_2 N	
A 602_	7.9	114	1300	16.5	—	30000	63	1550	10.9	—	30000	95
A 602_	10.3	87	1300	12.7	1110	30000	49	1550	8.4	1650	30000	
A 602_	12.7	71	1400	11.1	1100	30000	39	1700	7.5	1370	30000	
A 602_	16.7	54	1450	8.7	1670	30000	30	1700	5.7	2550	30000	
A 602_	20.6	44	1550	7.5	1490	30000	24.3	1800	4.9	2470	30000	
A 603_	25.7	35	2800	11.3	2440	30000	19.5	2800	6.3	4700	30000	
A 603_	27.9	32	2800	10.4	3290	30000	17.9	2800	5.8	4700	30000	
A 603_	31.7	28.4	2800	9.1	3220	30000	15.8	2800	5.1	4700	30000	
A 603_	34.3	26.2	2800	8.5	4010	30000	14.6	2800	4.7	4700	30000	
A 603_	41.7	21.6	2800	7.0	4030	30000	12.0	2800	3.9	4700	30000	
A 603_	45.2	19.9	2800	6.4	4620	30000	11.1	2800	3.6	4700	30000	
A 603_	51.3	17.5	2800	5.7	4500	30000	9.7	2800	3.1	4700	30000	
A 603_	55.6	16.2	2800	5.2	4700	30000	9.0	2800	2.9	4700	30000	
A 603_	65.0	13.8	2800	4.5	4680	30000	7.7	2800	2.5	4700	30000	
A 603_	70.4	12.8	2800	4.1	4700	30000	7.1	2800	2.3	4700	30000	
A 603_	79.7	11.3	2800	3.6	4700	30000	6.3	2800	2.0	4700	30000	
A 603_	86.4	10.4	2800	3.4	4700	30000	5.8	2800	1.9	4700	30000	
A 603_	99.5	9.0	2800	2.9	4700	30000	5.0	2800	1.6	4700	30000	
A 603_	107.8	8.3	2800	2.7	4700	30000	4.6	2800	1.5	4700	30000	
A 603_	123.0	7.3	2800	2.4	4700	30000	4.1	2800	1.3	4700	30000	
A 603_	133.3	6.8	2800	2.2	4700	30000	3.8	2800	1.2	4700	30000	
A 603_	144.0	6.3	2800	2.0	4700	30000	3.5	2800	1.1	4700	30000	
A 603_	156.0	5.8	2800	1.9	4700	30000	3.2	2800	1.0	4700	30000	
A 603_	171.5	5.2	2800	1.7	4700	30000	2.9	2800	0.94	4700	30000	
A 603_	185.8	4.8	2800	1.6	4700	30000	2.7	2800	0.87	4700	30000	
A 604_	208.7	4.3	2800	1.4	3500	30000	2.4	2800	0.79	3500	30000	
A 604_	226.1	4.0	2800	1.3	3500	30000	2.2	2800	0.73	3500	30000	
A 604_	264.3	3.4	2800	1.1	3500	30000	1.9	2800	0.62	3500	30000	
A 604_	286.3	3.1	2800	1.0	3500	30000	1.7	2800	0.58	3500	30000	
A 604_	324.2	2.8	2800	0.91	3500	30000	1.5	2800	0.51	3500	30000	
A 604_	351.2	2.6	2800	0.84	3500	30000	1.4	2800	0.47	3500	30000	
A 604_	404.7	2.2	2800	0.73	3500	30000	1.2	2800	0.41	3500	30000	
A 604_	438.4	2.1	2800	0.68	3500	30000	1.1	2800	0.38	3500	30000	
A 604_	500.3	1.8	2800	0.59	3500	30000	1.0	2800	0.33	3500	30000	
A 604_	542.0	1.7	2800	0.55	3500	30000	0.92	2800	0.30	3500	30000	
A 604_	585.8	1.5	2800	0.51	3500	30000	0.85	2800	0.28	3500	30000	
A 604_	634.6	1.4	2800	0.47	3500	30000	0.79	2800	0.26	3500	30000	
A 604_	697.3	1.3	2800	0.43	3500	30000	0.72	2800	0.24	3500	30000	
A 604_	755.4	1.2	2800	0.39	3500	30000	0.66	2800	0.22	3500	30000	

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 (—) Nehmen Sie bitte Kontakt mit unserem Applikationsdienst und Querkraftsdaten angeben (Drehrichtung, Orientierung, Anordnung)
 (—) Consulter notre service technique en donnant les détails concernant la charge radiale (sens de rotation, indexage, position)



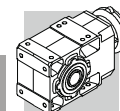
A 70

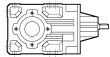

5000 Nm

	i	$n_1 = 2800 \text{ min}^{-1}$					$n_1 = 1400 \text{ min}^{-1}$					
		n_2 min^{-1}	Mn_2 Nm	Pn_1 kW	Rn_1 N	Rn_2 N	n_2 min^{-1}	Mn_2 Nm	Pn_1 kW	Rn_1 N	Rn_2 N	
A 703_ 9.4	298	2300	79	1900	25900	149	2800	48	2550	31900	98	
A 703_ 10.2	275	2400	76	2480	26400	137	3200	51	1480	31900		
A 703_ 12.1	231	2400	64	2420	28000	116	3200	43	1400	33900		
A 703_ 13.1	214	2600	64	2420	28400	107	3350	41	2100	34600		
A 703_ 15.4	182	2700	56	2100	29900	91	3350	35	2430	36700		
A 703_ 16.7	168	2850	55	2500	30400	84	3600	35	2590	37200		
A 703_ 19.7	142	2900	47	2030	32100	71	3700	30	1790	39300		
A 703_ 21.3	131	3000	45	2750	32900	66	4000	30	1830	39800		
A 703_ 23.5	119	3500	48	4930	32900	60	4300	29	6250	40500		
A 703_ 27.8	101	3450	40	4960	35100	50	4200	24	6300	43300		
A 703_ 30.1	93	3700	40	4970	35600	47	4550	24	6300	43900		
A 703_ 35.4	79	3650	33	5040	37900	40	4500	20	6370	46600		
A 703_ 38.4	73	3950	33	5040	38400	36	4850	20	6380	47300		
A 703_ 45.2	62	3900	28	5050	40800	31	4800	17.1	6400	50000		
A 703_ 49.0	57	4250	28	5050	41300	28.6	5000	16.4	6450	50000		
A 703_ 53.2	53	4100	25	5030	42900	26.3	5000	15.1	6380	50000		
A 703_ 57.7	49	4450	25	5030	43400	24.3	5000	14.0	6490	50000		
A 703_ 66.9	42	4350	21	5050	46000	20.9	5000	12.0	6480	50000		
A 703_ 72.5	39	4750	21	5040	46500	19.3	5000	11.1	6580	50000		
A 703_ 79.3	35	4600	18.7	5020	48400	17.7	5000	10.2	6520	50000		
A 703_ 85.9	33	4950	18.6	5030	49100	16.3	5000	9.4	6620	50000		
A 703_ 96.2	29.1	4850	16.2	5000	50000	14.6	5000	8.4	6570	50000		
A 703_ 104.2	26.9	5000	15.5	5060	50000	13.4	5000	7.7	6660	50000		
A 703_ 120.6	23.2	5000	13.4	5010	50000	11.6	5000	6.7	6610	50000		
A 703_ 130.7	21.4	5000	12.3	5100	50000	10.7	5000	6.2	6690	50000		
A 703_ 141.9	19.7	5000	11.4	5040	50000	9.9	5000	5.7	6640	50000		
A 703_ 153.7	18.2	3300	6.9	5410	50000	9.1	4050	4.2	6920	50000		
A 704_ 169.8	16.5	5000	9.7	1130	50000	8.2	5000	4.9	2520	50000		
A 704_ 183.9	15.2	5000	9.0	1450	50000	7.6	5000	4.5	2670	50000		
A 704_ 220.3	12.7	5000	7.5	1560	50000	6.4	5000	3.7	2710	50000		
A 704_ 238.6	11.7	5000	6.9	1860	50000	5.9	5000	3.5	2770	50000		
A 704_ 292.0	9.6	5000	5.6	1900	50000	4.8	5000	2.8	2790	50000		
A 704_ 316.4	8.8	5000	5.2	2110	50000	4.4	5000	2.6	2850	50000		
A 704_ 369.4	7.6	5000	4.5	2110	50000	3.8	5000	2.2	2840	50000		
A 704_ 400.2	7.0	5000	4.1	2160	50000	3.5	5000	2.1	2900	50000		
A 704_ 475.8	5.9	5000	3.5	2150	50000	2.9	5000	1.7	2890	50000		
A 704_ 515.4	5.4	5000	3.2	2200	50000	2.7	5000	1.6	2940	50000		
A 704_ 595.0	4.7	5000	2.8	2190	50000	2.4	5000	1.4	2920	50000		
A 704_ 644.6	4.3	5000	2.6	2230	50000	2.2	5000	1.3	2970	50000		
A 704_ 705.1	4.0	5000	2.3	2200	50000	2.0	5000	1.2	2940	50000		
A 704_ 763.9	3.7	5000	2.2	2250	50000	1.8	5000	1.1	2990	50000		
A 704_ 855.3	3.3	5000	1.9	2220	50000	1.6	5000	0.96	2960	50000		
A 704_ 926.5	3.0	5000	1.8	2270	50000	1.5	5000	0.89	3000	50000		
A 704_ 1072	2.6	5000	1.5	2240	50000	1.3	5000	0.77	2970	50000		
A 704_ 1161	2.4	5000	1.4	2280	50000	1.2	5000	0.71	3020	50000		
A 704_ 1242	2.3	5000	1.3	2250	50000	1.1	5000	0.66	2980	50000		
A 704_ 1346	2.1	5000	1.2	2290	50000	1.0	5000	0.61	3030	50000		
A 704_ 1583	1.8	5000	1.0	2260	50000	0.88	5000	0.52	2990	50000		
A 704_ 1715	1.6	5000	0.96	2300	50000	0.82	5000	0.48	3040	50000		

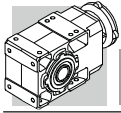
5000 Nm

A 70



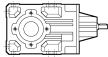

	i	$n_1 = 900 \text{ min}^{-1}$					$n_1 = 500 \text{ min}^{-1}$					
		n_2 min^{-1}	Mn_2 Nm	Pn_1 kW	Rn_1 N	Rn_2 N	n_2 min^{-1}	Mn_2 Nm	Pn_1 kW	Rn_1 N	Rn_2 N	
A 703_ 9.4	96	3000	33	4290	36900	53	3000	18.4	7000	45400		
A 703_ 10.2	88	3250	33	4290	37400	49	3250	18.3	7000	46100		
A 703_ 12.1	74	3650	31	1620	38700	41	3650	17.4	6470	47900		
A 703_ 13.1	69	3950	31	1650	39200	38	3950	17.3	6500	48600		
A 703_ 15.4	58	3700	25	3510	42200	32	3700	13.8	7000	50000		
A 703_ 16.7	54	4000	25	3560	42800	29.9	4000	13.8	7000	50000		
A 703_ 19.7	46	3700	19	4910	46100	25.4	3700	10.8	7000	50000		
A 703_ 21.3	42	4000	19	4950	46800	23.5	4000	10.8	7000	50000		
A 703_ 23.5	38	4900	22	7000	46300	21.3	5000	12.2	7000	50000		
A 703_ 27.8	32	4800	17.9	7000	49400	18.0	5000	10.3	7000	50000		
A 703_ 30.1	29.9	5000	17.2	7000	50000	16.6	5000	9.6	7000	50000		
A 703_ 35.4	25.4	5000	14.6	7000	50000	14.1	5000	8.1	7000	50000		
A 703_ 38.4	23.4	5000	13.5	7000	50000	13.0	5000	7.5	7000	50000		
A 703_ 45.2	19.9	5000	11.5	7000	50000	11.1	5000	6.4	7000	50000		
A 703_ 49.0	18.4	5000	10.6	7000	50000	10.2	5000	5.9	7000	50000		
A 703_ 53.2	16.9	5000	9.7	7000	50000	9.4	5000	5.4	7000	50000		
A 703_ 57.7	15.6	5000	9.0	7000	50000	8.7	5000	5.0	7000	50000		
A 703_ 66.9	13.5	5000	7.7	7000	50000	7.5	5000	4.3	7000	50000		
A 703_ 72.5	12.4	5000	7.1	7000	50000	6.9	5000	4.0	7000	50000		
A 703_ 79.3	11.3	5000	6.5	7000	50000	6.3	5000	3.6	7000	50000		
A 703_ 85.9	10.5	5000	6.0	7000	50000	5.8	5000	3.3	7000	50000		
A 703_ 96.2	9.4	5000	5.4	7000	50000	5.2	5000	3.0	7000	50000		
A 703_ 104.2	8.6	5000	5.0	7000	50000	4.8	5000	2.8	7000	50000		
A 703_ 120.6	7.5	5000	4.3	7000	50000	4.1	5000	2.4	7000	50000		
A 703_ 130.7	6.9	5000	4.0	7000	50000	3.8	5000	2.2	7000	50000		
A 703_ 141.9	6.3	5000	3.6	7000	50000	3.5	5000	2.0	7000	50000		
A 703_ 153.7	5.9	4600	3.1	7000	50000	3.3	5000	1.9	7000	50000		
A 704_ 169.8	5.3	5000	3.1	3170	50000	2.9	5000	1.7	3500	50000		
A 704_ 183.9	4.9	5000	2.9	3240	50000	2.7	5000	1.6	3500	50000		
A 704_ 220.3	4.1	5000	2.4	3270	50000	2.3	5000	1.3	3500	50000		
A 704_ 238.6	3.8	5000	2.2	3340	50000	2.1	5000	1.2	3500	50000		
A 704_ 292.0	3.1	5000	1.8	3350	50000	1.7	5000	1.0	3500	50000		
A 704_ 316.4	2.8	5000	1.7	3410	50000	1.6	5000	0.93	3500	50000		
A 704_ 369.4	2.4	5000	1.4	3410	50000	1.4	5000	0.80	3500	50000		
A 704_ 400.2	2.2	5000	1.3	3460	50000	1.2	5000	0.73	3500	50000		
A 704_ 475.8	1.9	5000	1.1	3450	50000	1.1	5000	0.62	3500	50000		
A 704_ 515.4	1.7	5000	1.0	3500	50000	0.97	5000	0.57	3500	50000		
A 704_ 595.0	1.5	5000	0.89	3480	50000	0.84	5000	0.49	3500	50000		
A 704_ 644.6	1.4	5000	0.82	3500	50000	0.78	5000	0.46	3500	50000		
A 704_ 705.1	1.3	5000	0.75	3500	50000	0.71	5000	0.42	3500	50000		
A 704_ 763.9	1.2	5000	0.69	3500	50000	0.65	5000	0.39	3500	50000		
A 704_ 855.3	1.1	5000	0.62	3500	50000	0.58	5000	0.34	3500	50000		
A 704_ 926.5	0.97	5000	0.57	3500	50000	0.54	5000	0.32	3500	50000		
A 704_ 1072	0.84	5000	0.49	3500	50000	0.47	5000	0.27	3500	50000		
A 704_ 1161	0.78	5000	0.46	3500	50000	0.43	5000	0.25	3500	50000		
A 704_ 1242	0.72	5000	0.43	3500	50000	0.40	5000	0.24	3500	50000		
A 704_ 1346	0.67	5000	0.39	3500	50000	0.37	5000	0.22	3500	50000		
A 704_ 1583	0.57	5000	0.33	3500	50000	0.32	5000	0.19	3500	50000		
A 704_ 1715	0.52	5000	0.31	3500	50000	0.29	5000	0.17	3500	50000		

98

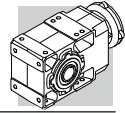


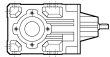

A 80

8000 Nm

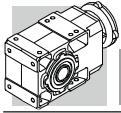
	i	n ₁ = 2800 min ⁻¹					n ₁ = 1400 min ⁻¹					
		n ₂ min ⁻¹	Mn ₂ Nm	Pn ₁ kW	Rn ₁ N	Rn ₂ N	n ₂ min ⁻¹	Mn ₂ Nm	Pn ₁ kW	Rn ₁ N	Rn ₂ N	
A 803_ 9.8		286	3100	102	—	26300	143	3900	64	—	32100	101
A 803_ 10.7		262	3450	104	—	26300	131	4300	65	—	32300	
A 803_ 12.3		228	3450	90	—	27700	114	4300	56	—	34000	
A 803_ 13.3		211	3450	84	1150	28700	105	4300	52	1150	35200	
A 803_ 15.5		181	3300	69	1560	30600	90	4100	43	1730	37600	
A 803_ 16.7		168	3600	69	1440	30900	84	4500	43	1460	37900	
A 803_ 19.3		145	3500	58	1870	32800	73	4400	37	1880	40200	
A 803_ 20.9		134	3840	59	1670	33100	67	4800	37	1740	40600	
A 803_ 22.6		124	5050	72	4500	31200	62	6250	45	5830	38400	
A 803_ 24.5		114	5500	72	4470	31300	57	6750	44	5840	38600	
A 803_ 28.2		99	5350	61	4700	33500	50	6600	38	5960	41200	
A 803_ 30.6		92	5250	55	4840	34900	46	6450	34	6140	43000	
A 803_ 35.5		79	5700	52	4700	36000	39	7000	32	6000	44300	
A 803_ 38.5		73	6150	51	4720	36200	36	7600	32	6000	44500	
A 803_ 44.5		63	6050	44	4790	38600	31	7450	27	6070	47500	
A 803_ 48.2		58	6550	44	4790	38800	29.0	8000	27	6090	47900	
A 803_ 55.2		51	6400	37	4710	41300	25.4	7900	23	6050	50800	
A 803_ 59.8		47	6950	37	4690	41500	23.4	8000	22	6170	52300	
A 803_ 66.8		42	6800	33	4670	43700	21.0	8000	19.3	6150	54600	
A 803_ 72.4		39	7350	33	4680	44000	19.3	8000	17.8	6280	56500	
A 803_ 82.3		34	7200	28	4570	46600	17.0	8000	15.7	6230	59300	
A 803_ 89.2		31	7800	28	4570	46900	15.7	8000	14.4	6350	61400	
A 803_ 96.0		29.2	7500	25	4410	48900	14.6	8000	13.4	6260	63000	
A 803_ 104.0		26.9	8000	25	4500	49500	13.5	8000	12.4	6380	65000	
A 803_ 116.0		24.1	7950	22	4230	51700	12.1	8000	11.1	6300	65000	
A 803_ 125.6		22.3	8000	21	4630	53400	11.1	8000	10.3	6420	65000	
A 803_ 144.7		19.4	8000	17.8	4320	56400	9.7	8000	8.9	6350	65000	
A 803_ 156.8		17.9	8000	16.4	4750	58300	8.9	8000	8.2	6460	65000	
A 804_ 171.3		16.3	8000	15.4	—	65000	8.2	8000	7.7	1230	65000	
A 804_ 214.7		13.0	8000	12.3	—	65000	6.5	8000	6.1	1400	65000	
A 804_ 232.6		12.0	8000	11.3	—	65000	6.0	8000	5.7	1810	65000	
A 804_ 277.3		10.1	8000	9.5	540	65000	5.0	8000	4.8	1930	65000	
A 804_ 300.4		9.3	8000	8.8	900	65000	4.7	8000	4.4	2290	65000	
A 804_ 354.0		7.9	8000	7.4	800	65000	4.0	8000	3.7	2190	65000	
A 804_ 383.5		7.3	8000	6.9	1140	65000	3.7	8000	3.4	2530	65000	
A 804_ 442.1		6.3	8000	6.0	1040	65000	3.2	8000	3.0	2430	65000	
A 804_ 478.9		5.8	8000	5.5	1370	65000	2.9	8000	2.8	2670	65000	
A 804_ 560.5		5.0	8000	4.7	1240	65000	2.5	8000	2.4	2630	65000	
A 804_ 607.2		4.6	8000	4.3	1550	65000	2.3	8000	2.2	2720	65000	
A 804_ 703.5		4.0	8000	3.7	1440	65000	2.0	8000	1.9	2690	65000	
A 804_ 762.1		3.7	8000	3.5	1730	65000	1.8	8000	1.7	2760	65000	
A 804_ 829.5		3.4	8000	3.2	1530	65000	1.7	8000	1.6	2720	65000	
A 804_ 898.7		3.1	8000	2.9	1820	65000	1.6	8000	1.5	2780	65000	
A 804_ 1001		2.8	8000	2.6	1620	65000	1.4	8000	1.3	2740	65000	
A 804_ 1085		2.6	8000	2.4	1900	65000	1.3	8000	1.2	2800	65000	
A 804_ 1237		2.3	8000	2.1	1660	65000	1.1	8000	1.1	2750	65000	
A 804_ 1340		2.1	8000	2.0	1940	65000	1.0	8000	1.0	2810	65000	
A 804_ 1438		1.9	8000	1.8	1730	65000	1.0	8000	0.9	2770	65000	
A 804_ 1558		1.8	8000	1.7	2000	65000	0.90	8000	0.8	2830	65000	

(—) Interpellare il ns. servizio tecnico comunicando i dati relativi al carico radiale (senso di rotazione, orientamento, posizione)
 (—) Contact our technical service department advising radial load data (rotation direction, load angle, offset)
 (—) Nehmen Sie bitte Kontakt mit unserem Applikationsdienst und Querkraftsdaten angeben (Drehrichtung, Orientierung, Anordnung)
 (—) Consulter notre service technique en donnant les détails concernant la charge radiale (sens de rotation, indexage, position)



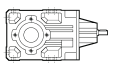

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		n_2 min^{-1}	Mn_2 Nm	Pn_1 kW	Rn_1 N	Rn_2 N	n_2 min^{-1}	Mn_2 Nm	Pn_1 kW	Rn_1 N	Rn_2 N	
A 803_ 9.8	92	4450	47	—	36700	51	5300	31	—	43800	101	
A 803_ 10.7	84	4900	47	—	36900	47	5850	31	—	44000		
A 803_ 12.3	73	4900	41	—	38900	41	5850	27	—	46400		
A 803_ 13.3	68	4900	38	1360	40200	38	5850	25	1600	47900		
A 803_ 15.5	58	4650	31	2130	43000	32	5550	21	2530	51300		
A 803_ 16.7	54	5100	32	1840	43400	29.9	6100	21	2120	51700		
A 803_ 19.3	47	5000	27	2260	46000	25.9	6000	18	2530	54800		
A 803_ 20.9	43	5470	27	2030	46400	23.9	6500	18	2530	55400		
A 803_ 22.6	40	7100	33	6810	43900	22.1	8000	20	7000	53400		
A 803_ 24.5	37	7700	33	6800	44100	20.4	8000	18.8	7000	55300		
A 803_ 28.2	32	7550	28	6940	47000	17.7	8000	16.3	7000	58400		
A 803_ 30.6	29.4	7400	25	7000	49000	16.3	8000	15.0	7000	60400		
A 803_ 35.5	25.4	8000	23	6980	50600	14.1	8000	13.0	7000	63900		
A 803_ 38.5	23.4	8000	22	7000	52400	13.0	8000	12.0	7000	65000		
A 803_ 44.5	20.2	8000	18.6	7000	55400	11.2	8000	10.3	7000	65000		
A 803_ 48.2	18.7	8000	17.2	7000	57300	10.4	8000	9.5	7000	65000		
A 803_ 55.2	16.3	8000	15.0	7000	60300	9.1	8000	8.3	7000	65000		
A 803_ 59.8	15.1	8000	13.9	7000	62300	8.4	8000	7.7	7000	65000		
A 803_ 66.8	13.5	8000	12.4	7000	65000	7.5	8000	6.9	7000	65000		
A 803_ 72.4	12.4	8000	11.4	7000	65000	6.9	8000	6.4	7000	65000		
A 803_ 82.3	10.9	8000	10.1	7000	65000	6.1	8000	5.6	7000	65000		
A 803_ 89.2	10.1	8000	9.3	7000	65000	5.6	8000	5.2	7000	65000		
A 803_ 96.0	9.4	8000	8.6	7000	65000	5.2	8000	4.8	7000	65000		
A 803_ 104.0	8.7	8000	8.0	7000	65000	4.8	8000	4.4	7000	65000		
A 803_ 116.0	7.8	8000	7.1	7000	65000	4.3	8000	4.0	7000	65000		
A 803_ 125.6	7.2	8000	6.6	7000	65000	4.0	8000	3.7	7000	65000		
A 803_ 144.7	6.2	8000	5.7	7000	65000	3.5	8000	3.2	7000	65000		
A 803_ 156.8	5.7	8000	5.3	7000	65000	3.2	8000	2.9	7000	65000		
A 804_ 171.3	5.3	8000	4.9	2300	65000	2.9	8000	2.7	3500	65000		
A 804_ 214.7	4.2	8000	3.9	2470	65000	2.3	8000	2.2	3500	65000		
A 804_ 232.6	3.9	8000	3.6	2870	65000	2.1	8000	2.0	3500	65000		
A 804_ 277.3	3.2	8000	3.1	3000	65000	1.8	8000	1.7	3500	65000		
A 804_ 300.4	3.0	8000	2.8	3120	65000	1.7	8000	1.6	3500	65000		
A 804_ 354.0	2.5	8000	2.4	3100	65000	1.4	8000	1.3	3500	65000		
A 804_ 383.5	2.3	8000	2.2	3180	65000	1.3	8000	1.2	3500	65000		
A 804_ 442.1	2.0	8000	1.9	3160	65000	1.1	8000	1.1	3500	65000		
A 804_ 478.9	1.9	8000	1.8	3230	65000	1.0	8000	1.0	3500	65000		
A 804_ 560.5	1.6	8000	1.5	3210	65000	0.89	8000	0.84	3500	65000		
A 804_ 607.2	1.5	8000	1.4	3280	65000	0.82	8000	0.78	3500	65000		
A 804_ 703.5	1.3	8000	1.2	3260	65000	0.71	8000	0.67	3500	65000		
A 804_ 762.1	1.2	8000	1.1	3320	65000	0.66	8000	0.62	3500	65000		
A 804_ 829.5	1.1	8000	1.0	3280	65000	0.60	8000	0.57	3500	65000		
A 804_ 898.7	1.0	8000	0.94	3340	65000	0.56	8000	0.52	3500	65000		
A 804_ 1001	0.90	8000	0.85	3300	65000	0.50	8000	0.47	3500	65000		
A 804_ 1085	0.83	8000	0.78	3360	65000	0.46	8000	0.43	3500	65000		
A 804_ 1237	0.73	8000	0.68	3310	65000	0.40	8000	0.38	3500	65000		
A 804_ 1340	0.67	8000	0.63	3370	65000	0.37	8000	0.35	3500	65000		
A 804_ 1438	0.63	8000	0.59	3330	65000	0.35	8000	0.33	3500	65000		
A 804_ 1558	0.58	8000	0.54	3390	65000	0.32	8000	0.30	3500	65000		

- (—) Interpellare il ns. servizio tecnico comunicando i dati relativi al carico radiale (senso di rotazione, orientamento, posizione)
 (—) Contact our technical service department advising radial load data (rotation direction, load angle, offset)
 (—) Nehmen Sie bitte Kontakt mit unserem Applikationsdienst und Querkraftsdaten an (Drehrichtung, Orientierung, Anordnung)
 (—) Consulter notre service technique en donnant les détails concernant la charge radiale (sens de rotation, indexage, position)

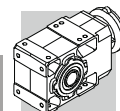


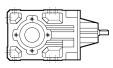

A 90

14000 Nm

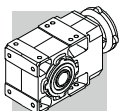
	i	$n_1 = 2800 \text{ min}^{-1}$					$n_1 = 1400 \text{ min}^{-1}$					
		n_2 min^{-1}	Mn_2 Nm	Pn_1 kW	Rn_1 N	Rn_2 N	n_2 min^{-1}	Mn_2 Nm	Pn_1 kW	Rn_1 N	Rn_2 N	
A 903_ 9.7		289	7800	259	2440	27600	144	9050	150	5520	35000	104
A 903_ 10.5		267	8350	256	2620	27700	133	9800	150	5530	34900	
A 903_ 12.6		222	8500	217	2700	29800	111	10450	134	4790	36700	
A 903_ 13.7		204	8050	189	4670	31800	102	11150	131	5060	36900	
A 903_ 15.6		179	8900	184	3240	32000	90	10950	113	5410	39400	
A 903_ 16.9		166	9650	184	3230	31900	83	11850	113	5440	39300	
A 903_ 19.4		144	9400	156	3160	34300	72	11550	96	5350	42300	
A 903_ 21.0		133	10150	156	3210	34300	67	12400	95	5510	42400	
A 903_ 22.3		126	9850	142	9660	35700	63	12150	88	12200	43900	
A 903_ 24.1		116	10700	143	9660	35500	58	13150	88	12200	43800	
A 903_ 29.1		96	10550	117	9800	38900	48	13000	72	12400	47900	
A 903_ 31.5		89	11450	117	9800	38800	44	14000	72	12400	47900	
A 903_ 35.8		78	11150	100	9910	41600	39	13750	62	12500	51100	
A 903_ 38.8		72	12100	100	9900	41500	36	14000	58	12700	52700	
A 903_ 44.6		63	11800	85	9920	44600	31	14000	51	12700	56000	
A 903_ 48.3		58	12800	85	9920	44500	29.0	14000	47	12800	58000	
A 903_ 55.0		51	12550	74	9960	47500	25.5	14000	41	12800	61400	
A 903_ 59.6		47	13550	73	9970	47500	23.5	14000	38	13000	63500	
A 903_ 68.8		41	13350	63	9960	50900	20.3	14000	33	13000	67400	
A 903_ 74.5		38	14000	61	10000	51700	18.8	14000	30	13100	69700	
A 903_ 80.4		35	13900	56	9920	53500	17.4	14000	28	13000	71900	
A 903_ 87.1		32	14000	52	10100	55500	16.1	14000	26	13200	74300	
A 903_ 98.6		28.4	14000	46	9990	58500	14.2	14000	23	13100	75000	
A 903_ 106.8		26.2	14000	42	10100	60600	13.1	14000	21	13300	75000	
A 903_ 116.9		24.0	14000	39	10100	63000	12.0	14000	19.3	13200	75000	
A 903_ 126.6		22.1	10650	27	10600	71400	11.1	13150	16.7	13400	75000	
A 903_ 139.4		20.1	10350	24	10600	74500	10.0	12750	14.7	13400	75000	
A 903_ 151.0		18.5	11200	24	10600	75000	9.3	13800	14.7	13400	75000	
A 904_ 166.1		16.9	14000	28	—	75000	8.4	14000	13.9	—	75000	
A 904_ 180.0		15.6	14000	26	—	75000	7.8	14000	12.8	—	75000	
A 904_ 209.0		13.4	14000	22	—	75000	6.7	14000	11.0	—	75000	
A 904_ 226.4		12.4	14000	20.4	—	75000	6.2	14000	10.2	—	75000	
A 904_ 281.4		10.0	14000	16.4	—	75000	5.0	14000	8.2	—	75000	
A 904_ 304.9		9.2	14000	15.1	—	75000	4.6	14000	7.6	—	75000	
A 904_ 355.8		7.9	14000	13.0	—	75000	3.9	14000	6.5	—	75000	
A 904_ 385.4		7.3	14000	12.0	—	75000	3.6	14000	6.0	680	75000	
A 904_ 449.2		6.2	14000	10.3	—	75000	3.1	14000	5.1	—	75000	
A 904_ 486.6		5.8	14000	9.5	—	75000	2.9	14000	4.7	950	75000	
A 904_ 555.3		5.0	14000	8.3	—	75000	2.5	14000	4.2	740	75000	
A 904_ 601.6		4.7	14000	7.7	—	75000	2.3	14000	3.8	1200	75000	
A 904_ 707.9		4.0	14000	6.5	—	75000	2.0	14000	3.3	1050	75000	
A 904_ 766.9		3.7	14000	6.0	—	75000	1.8	14000	3.0	1490	75000	
A 904_ 865.1		3.2	14000	5.3	—	75000	1.6	14000	2.7	1170	75000	
A 904_ 937.2		3.0	14000	4.9	—	75000	1.5	14000	2.5	1590	75000	
A 904_ 1025		2.7	14000	4.5	—	75000	1.4	14000	2.2	1330	75000	
A 904_ 1111		2.5	14000	4.2	—	75000	1.3	14000	2.1	1740	75000	
A 904_ 1222		2.3	14000	3.8	—	75000	1.1	14000	1.9	1380	75000	
A 904_ 1324		2.1	14000	3.5	—	75000	1.1	14000	1.7	1790	75000	
A 904_ 1507		1.9	14000	3.1	—	75000	0.93	14000	1.5	1440	75000	
A 904_ 1632		1.7	14000	2.8	—	75000	0.86	14000	1.4	1840	75000	

(→) Interpellare il ns. servizio tecnico comunicando i dati relativi al carico radiale (senso di rotazione, orientamento, posizione)
 (→) Contact our technical service department advising radial load data (rotation direction, load angle, offset)
 (→) Nehmen Sie bitte Kontakt mit unserem Applikationsdienst und Querkraftsdaten angeben (Drehrichtung, Orientierung, Anordnung)
 (→) Consulter notre service technique en donnant les détails concernant la charge radiale (sens de rotation, indexage, position)



	i	$n_1 = 900 \text{ min}^{-1}$					$n_1 = 500 \text{ min}^{-1}$					
		n_2 min^{-1}	Mn_2 Nm	Pn_1 kW	Rn_1 N	Rn_2 N	n_2 min^{-1}	Mn_2 Nm	Pn_1 kW	Rn_1 N	Rn_2 N	
A 903_ 9.7	93	9050	97	9800	42300	52	9050	54	15000	53700	104	
A 903_ 10.5	86	9800	97	910	42500	48	9800	54	15000	54200		
A 903_ 12.6	71	11800	97	6720	42100	40	11800	54	13500	54500		
A 903_ 13.7	66	12750	96	6770	42100	36	12800	54	13500	54600		
A 903_ 15.6	58	11550	77	8730	46700	32	11550	43	15000	59900		
A 903_ 16.9	53	12500	77	8750	46800	29.6	12500	43	15000	60300		
A 903_ 19.4	46	11550	62	9630	51400	25.8	11550	34	15000	65400		
A 903_ 21.0	43	12400	61	9790	51700	23.8	12400	34	15000	66100		
A 903_ 22.3	40	13850	64	14200	50200	22.4	14000	36	15000	64700		
A 903_ 24.1	37	14000	60	14400	51900	20.7	14000	33	15000	66900		
A 903_ 29.1	31	14000	50	14600	56200	17.2	14000	28	15000	72100		
A 903_ 31.5	28.6	14000	46	14800	58400	15.9	14000	26	15000	74700		
A 903_ 35.8	25.1	14000	40	14900	61700	14.0	14000	22	15000	75000		
A 903_ 38.8	23.2	14000	37	15000	63900	12.9	14000	21	15000	75000		
A 903_ 44.6	20.2	14000	33	15000	67700	11.2	14000	18.1	15000	75000		
A 903_ 48.3	18.6	14000	30	15000	70000	10.4	14000	16.7	15000	75000		
A 903_ 55.0	16.4	14000	26	15000	73800	9.1	14000	14.6	15000	75000		
A 903_ 59.6	15.1	14000	24	15000	75000	8.4	14000	13.5	15000	75000		
A 903_ 68.8	13.1	14000	21	15000	75000	7.3	14000	11.7	15000	75000		
A 903_ 74.5	12.1	14000	19.5	15000	75000	6.7	14000	10.8	15000	75000		
A 903_ 80.4	11.2	14000	18.0	15000	75000	6.2	14000	10.0	15000	75000		
A 903_ 87.1	10.3	14000	16.6	15000	75000	5.7	14000	9.2	15000	75000		
A 903_ 98.6	9.1	14000	14.7	15000	75000	5.1	14000	8.2	15000	75000		
A 903_ 106.8	8.4	14000	13.6	15000	75000	4.7	14000	7.5	15000	75000		
A 903_ 116.9	7.7	14000	12.4	15000	75000	4.3	14000	6.9	15000	75000		
A 903_ 126.6	7.1	14000	11.5	15000	75000	3.9	14000	6.4	15000	75000		
A 903_ 139.4	6.5	14000	10.4	15000	75000	3.6	14000	5.8	15000	75000		
A 903_ 151.0	6.0	14000	9.6	15000	75000	3.3	14000	5.3	15000	75000		
A 904_ 166.1	5.4	14000	8.9	—	75000	3.0	14000	5.0	700	75000		
A 904_ 180.0	5.0	14000	8.2	—	75000	2.8	14000	4.6	1400	75000		
A 904_ 209.0	4.3	14000	7.1	—	75000	2.4	14000	3.9	1500	75000		
A 904_ 226.4	4.0	14000	6.5	500	75000	2.2	14000	3.6	2100	75000		
A 904_ 281.4	3.2	14000	5.3	690	75000	1.8	14000	2.9	2300	75000		
A 904_ 304.9	3.0	14000	4.9	1230	75000	1.6	14000	2.7	2900	75000		
A 904_ 355.8	2.5	14000	4.2	1240	75000	1.4	14000	2.3	2900	75000		
A 904_ 385.4	2.3	14000	3.8	1750	75000	1.3	14000	2.1	3400	75000		
A 904_ 449.2	2.0	14000	3.3	1540	75000	1.1	14000	1.8	3200	75000		
A 904_ 486.6	1.8	14000	3.0	2020	75000	1.0	14000	1.7	3500	75000		
A 904_ 555.3	1.6	14000	2.7	1810	75000	0.90	14000	1.5	3500	75000		
A 904_ 601.6	1.5	14000	2.5	2270	75000	0.83	14000	1.4	3500	75000		
A 904_ 707.9	1.3	14000	2.1	2120	75000	0.71	14000	1.2	3500	75000		
A 904_ 766.9	1.2	14000	1.9	2560	75000	0.65	14000	1.1	3500	75000		
A 904_ 865.1	1.0	14000	1.7	2240	75000	0.58	14000	0.95	3500	75000		
A 904_ 937.2	0.96	14000	1.6	2660	75000	0.53	14000	0.88	3500	75000		
A 904_ 1025	0.88	14000	1.4	2400	75000	0.49	14000	0.80	3500	75000		
A 904_ 1111	0.81	14000	1.3	2810	75000	0.45	14000	0.74	3500	75000		
A 904_ 1222	0.74	14000	1.2	2450	75000	0.41	14000	0.67	3500	75000		
A 904_ 1324	0.68	14000	1.1	2860	75000	0.38	14000	0.62	3500	75000		
A 904_ 1507	0.60	14000	0.98	2410	75000	0.33	14000	0.55	3500	75000		
A 904_ 1632	0.55	14000	0.91	2910	75000	0.31	14000	0.50	3500	75000		

(—) Interpellare il ns. servizio tecnico comunicando i dati relativi al carico radiale (senso di rotazione, orientamento, posizione)
 (—) Contact our technical service department advising radial load data (rotation direction, load angle, offset)
 (—) Nehmen Sie bitte Kontakt mit unserem Applikationsdienst und Querkraftsdaten angeben (Drehrichtung, Orientierung, Anordnung)
 (—) Consulter notre service technique en donnant les détails concernant la charge radiale (sens de rotation, indexage, position)



30 - PREDISPOSIZIONI POSSIBILI

Nelle tabelle (B15) e (B16) vengono riportati gli abbinamenti motore possibili in termini puramente geometrici.

La scelta del motoriduttore deve essere effettuata seguendo le istruzioni specificate al paragrafo 11, rispettando in particolare la condizione $S \geq fs$.

30 - MOTOR AVAILABILITY

Motor-gearbox combinations resulting from charts (B15) and (B16) are purely based on geometrical compatibility.

When selecting a gearmotor, refer to procedure specified at para 11 and observe particularly the condition $S \geq fs$.

30 - ANBAUMÖGLICHKEITEN

In den Tabellen (B15) und (B16) werden die von den Größen her gesehenen möglichen Passungen angegeben.

Die angemessene Getriebewahl muss unter Befolgung der im Paragraph 11 gegebenen Anleitungen und auf der Grundlage der Auswahltabelle der technischen Daten erfolgen.

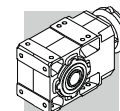
30 - PREDISPOSITIONS POSSIBLES

Dans les tableaux (B15) et (B16) sont indiqués les accouplements possibles en termes de dimensions.


Le choix le plus approprié du réducteur à utiliser doit être effectué selon les indications du paragraphe 11, ainsi qu'en fonction des caractéristiques techniques des tableaux de sélection.

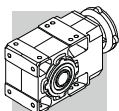
(B15)

		 IEC(IM B5)											
		P63	P71	P80	P90	P100	P112	P132	P160	P180	P200	P225	P250
A 10 2		5.5_91.6	5.5_91.6	5.5_65.9	5.5_65.9	5.5_65.9	5.5_65.9						
A 20 2		7.3_92.3 ● (10.3)	7.3_92.3 ● (10.3)	5.4_79.9	5.4_79.9	5.4_79.9	5.4_79.9						
A 20 3		120.5_380.9	120.5_380.9	120.5_380.9	120.5_380.9	120.5_380.9	120.5_380.9						
A 30 2		9.3_97.5 ● (10.5_13.6)	9.3_97.5 ● (10.5_13.6)	5.4_97.5	5.4_97.5	5.4_97.5	5.4_97.5						
A 30 3		120.5_400.8	120.5_400.8	120.5_400.8	120.5_400.8	120.5_400.8	120.5_400.8						
A 41 2		11.7_79.2 ● (13.8_17.8)	11.7_79.2 ● (13.8_17.8)	5.2_79.2	5.2_79.2	5.2_79.2	5.2_79.2	5.2_45.1					
A 41 3		92.8_376.8	92.8_376.8	92.8_376.8	92.8_376.8	92.8_376.8	92.8_376.8						
A 50 2		20.9	20.9	7.7_20.9	7.7_20.9	7.7_20.9	7.7_20.9	7.7_20.9	7.7_20.9	7.7_20.9			
A 50 3		51.7_190.6	51.7_190.6	24_190.6	24_190.6	24_190.6	24_190.6	24_109.4	24_109.4	24_109.4			
A 50 4	i =	211.0_778.2	211.0_778.2	211.0_778.2	211.0_778.2	211.0_778.2	211.0_778.2						
A 60 2				10.3_20.6	10.3_20.6	10.3_20.6	10.3_20.6	7.9_20.6	7.9_20.6	7.9_20.6			
A 60 3		65.0_185.8	65.0_185.8	25.7_185.8	25.7_185.8	25.7_185.8	25.7_185.8	25.7_133.3	25.7_133.3	25.7_133.3			
A 60 4		208.7_755.4	208.7_755.4	208.7_755.4	208.7_755.4	208.7_755.4	208.7_755.4						
A 70 3				66.9_153.7	66.9_153.7	66.9_153.7	66.9_153.7	15.4_153.7 ● (23.5_30.1)	9.4_153.7	9.4_153.7	9.4_38.4 ● (19.7_21.3)		
A 70 4		292.0_1715	292.0_1715	169.8_1715	169.8_1715	169.8_1715	169.8_1715	169.8_644.6					
A 80 3				82.3_156.8	82.3_156.8	82.3_156.8	82.3_156.8	19.3_156.8 ● (22.6_38.5)	12.3_156.8 ● (22.6_24.5)	9.8_156.8	9.8_104.0	9.8_104.0	
A 80 4		354.0_1558	354.0_1558	171.3_1558	171.3_1558	171.3_1558	171.3_1558	171.3_762.1					
A 90 3				98.6_151.0	98.6_151.0	98.6_151.0	98.6_151.0	55.0_151.0	15.6_151.0 ● (22.3_31.5)	9.7_151.0	9.7_126.6	9.7_126.6	9.7_126.6
A 90 4		449.2_1632	449.2_1632	166.1_1632	166.1_1632	166.1_1632	166.1_1632	166.1_937.2	166.1_937.2	166.1_937.2			



(B16)

							
		M05	M1	M2	M3	M4	M5
A 10 2	i =	5.5_91.6	5.5_91.6	5.5_65.9	5.5_65.9		
A 20 2		7.3_92.3 ● (10.3)	7.3_92.3 ● (10.3)	5.4_79.9	5.4_79.9		
A 20 3		120.5_380.9	120.5_380.9	120.5_380.9	120.5_380.9		
A 30 2			9.3_97.5 ● (10.5_13.6)	5.4_97.5	5.4_97.5		
A 30 3		120.5_400.8	120.5_400.8	120.5_400.8	120.5_400.8		
A 41 2			11.7_79.2 ● (13.8_17.8)	5.2_79.2	5.2_79.2	5.2_45.1	
A 41 3		92.8_376.8	92.8_376.8	92.8_376.8	92.8_376.8		
A 50 2			20.9	7.7_20.9	7.7_20.9	7.7_20.9	
A 50 3			51.7_190.6	24_190.6	24_190.6	24_109.4	
A 50 4			211.0_778.2	211.0_778.2	211.0_778.2		
A 60 2				10.3_20.6	10.3_20.6	7.9_20.6	7.9_20.6
A 60 3				25.7_185.8	25.7_185.8	25.7_133.3	25.7_133.3
A 60 4			208.7_755.4	208.7_755.4	208.7_755.4		
A 70 3				66.9_153.7	66.9_153.7	15.4,153.7 ● (23.5_30.1)	15.4,153.7 ● (23.5_30.1)
A 70 4			292.0_1715	169.8_1715	169.8_1715	169.8_644.6	
A 80 3					82.3_156.8	19.3_156.8 ● (22.6_38.5)	19.3_156.8 ● (22.6_38.5)
A 80 4			354_1558	171.3_1558	171.3_1558	171.3_762.1	
A 90 3					98.6_151.0	55.0_151.0	55_151.0
A 90 4			449.2_1632	166.1_1632	166.1_1632	166.1_937.2	

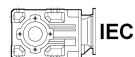


31 - MOMENTO D'INERZIA

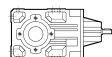
Le tabelle seguenti indicano i valori del momento d'inerzia J_r [Kgm^2] riferiti all'asse veloce del riduttore; per una migliore facilità di lettura riportiamo le definizioni dei simboli usati:



I valori riferiti a questo simbolo sono da attribuire al riduttore compatto, senza motore. In questo caso, per ricavare il momento d'inerzia complessivo del motoriduttore, si dovrà sommare il valore corrispondente al riduttore compatto, a quello del motore da applicare (dato reperibile nelle tabelle delle caratteristiche tecniche dei motori elettrici).



I valori relativi a questi simboli sono da attribuire al solo riduttore predisposto per attacco motore (grandezza IEC...).



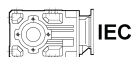
I valori attribuiti al riduttore sono riferiti a questo simbolo.

31 - MOMENT OF INERTIA

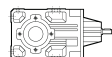
The following charts indicate moment of inertia values J_r [Kgm^2] referred to the gear unit high speed shaft. A key to the symbols used follows:



Values under this icon refer to compact gear units, without motor. To obtain the overall moment of inertia for the gearmotor just add the value of the inertia for the specific M style motor, given in the relevant rating chart.



Values under this symbol refer to gearboxes with IEC motor adaptor (IEC size...).



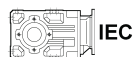
This symbol refers to gearbox values.

31 - TRÄGHEITSMOMENT

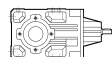
Die In den folgenden Tabellen angegebenen Trägheitsmomente J_r [Kgm^2] beziehen sich auf die Getriebeantriebsachse. Um das Lesen der Tabellen zu erleichtern, werden folgende Symbole verwendet:



Kompaktgetriebe ohne Motor. In diesem Fall muß man, um das Gesamtträgheitsmoment des Getriebemotors zu erhalten, den dem Kompaktgetriebe mit der gewählten Übersetzung entsprechenden Wert mit dem Wert des anzuschließenden Motors addieren (dieser Wert kann den Elektromotorenauswahltabellen entnommen werden).



Nur Getriebe vorbereitet für IEC-Motor (IEC-Größe...).



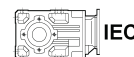
Dieses Symbol bezieht sich auf Getriebewerte.

31 - MOMENT D'INERTIE

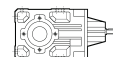
Les tableaux suivants indiquent les valeurs du moment d'inertie J_r [Kgm^2] du niveau de l'arbre rapide du réducteur; pour une plus grande facilité de lecture, nous vous prions de noter les définitions des symboles employés:



Les valeurs liées à symbole sont à assigner au réducteur compact sans moteur. Dans ce cas, afin d'avoir le moment d'inertie total du motoréducteur, on devra additionner la valeur correspondant au réducteur compact, à celle du moteur à assembler (donnée que l'on peut repérer dans les tableaux des caractéristiques techniques des moteurs électriques).



Les valeurs liées à ces symboles sont à assigner au réducteur prédisposé pour accouplement moteur seulement (taille

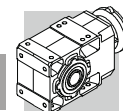




Les valeurs liées au réducteur sont assignées à ce symbole.

A 10



	i	J ($\cdot 10^{-4}$) [Kgm^2]							
			P63	P71	P80	P90	P100	P112	
A 10 2_5.5	5.5	1.00	2.5	2.5	3.9	3.8	5.1	5.1	1.8
A 10 2_7.2	7.2	0.60	2.1	2.1	3.5	3.4	4.7	4.7	1.5
A 10 2_9.6	9.6	0.30	1.8	1.8	3.2	3.1	4.4	4.4	1.3
A 10 2_10.6	10.6	0.50	2.0	2.0	3.4	3.3	4.6	4.6	1.4
A 10 2_12.3	12.3	0.20	1.7	1.7	3.1	3.0	4.3	4.3	1.1
A 10 2_13.9	13.9	0.30	1.8	1.8	3.2	3.1	4.6	4.6	1.2
A 10 2_18.6	18.6	0.20	1.7	1.7	3.1	3.0	4.3	4.3	1.0
A 10 2_23.8	23.8	0.10	1.6	1.6	3.0	2.9	4.2	4.2	1.0
A 10 2_28.6	28.6	0.10	1.6	1.6	3.0	2.9	4.2	4.2	0.9
A 10 2_35.1	35.1	0.07	1.6	1.6	3.0	2.9	4.2	4.2	0.9
A 10 2_45.4	45.4	0.05	1.6	1.6	3.0	2.9	4.2	4.2	0.9
A 10 2_51.3	51.3	0.03	1.5	1.5	2.9	2.8	4.1	4.1	0.9
A 10 2_65.9	65.9	0.02	1.5	1.5	2.9	2.8	4.1	4.1	0.9
A 10 2_76.4	76.4	0.02	1.5	1.5	2.9	2.8	4.1	4.1	0.9
A 10 2_91.6	91.6	0.01	1.5	1.5	2.9	2.8	4.1	4.1	0.9

A 20

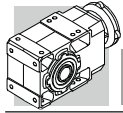


	i	J ($\cdot 10^{-4}$) [Kgm ²]							
			IEC						
			P63	P71	P80	P90	P100	P112	
A 20 2_5.4	5.4	2.40	–	–	5.3	5.2	6.5	6.5	4.3
A 20 2_7.3	7.3	1.40	2.9	2.9	4.3	4.2	5.5	5.5	3.3
A 20 2_9.4	9.4	0.90	2.4	2.4	3.8	3.7	5.0	5.0	2.8
A 20 2_10.3	10.3	1.20	–	–	4.1	4.0	5.3	5.3	3.0
A 20 2_12.0	12.0	0.50	2.0	2.0	3.4	3.3	4.6	4.6	2.4
A 20 2_14.1	14.1	0.70	2.2	2.2	3.6	3.5	4.8	4.8	2.6
A 20 2_18.1	18.1	0.40	1.9	1.9	3.3	3.2	4.5	4.5	2.4
A 20 2_23.1	23.1	0.30	1.8	1.8	3.2	3.1	4.4	4.4	2.2
A 20 2_29.2	29.2	0.20	1.7	1.7	3.1	3.0	4.3	4.3	2.1
A 20 2_35.4	35.4	0.20	1.7	1.7	3.1	3.0	4.3	4.3	2.1
A 20 2_43.2	43.2	0.10	1.6	1.6	3.0	2.9	4.2	4.2	2.0
A 20 2_53.7	53.7	0.10	1.6	1.6	3.0	2.9	4.2	4.2	2.0
A 20 2_63.1	63.1	0.10	1.6	1.6	3.0	2.9	4.2	4.2	2.0
A 20 2_79.9	79.9	0.03	1.5	1.5	2.9	2.8	4.1	4.1	2.0
A 20 2_92.3	92.3	0.02	1.5	1.5	–	–	–	–	2.0
A 20 3_120.5	120.5	0.02	1.5	1.5	–	–	–	–	0.9
A 20 3_146.1	146.1	0.02	1.5	1.5	–	–	–	–	0.9
A 20 3_178.3	178.3	0.01	1.5	1.5	–	–	–	–	0.9
A 20 3_221.3	221.3	0.01	1.5	1.5	–	–	–	–	0.9
A 20 3_260.5	260.5	0.01	1.5	1.5	–	–	–	–	0.9
A 20 3_329.4	329.4	0.01	1.5	1.5	–	–	–	–	0.9
A 20 3_380.9	380.9	0.01	1.5	1.5	–	–	–	–	0.9



A 30

	i	J ($\cdot 10^{-4}$) [Kgm ²]							
			IEC						
			P63	P71	P80	P90	P100	P112	
A 30 2_5.4	5.4	4.50	–	–	7.4	7.3	8.6	8.6	6.9
A 30 2_7.0	7.0	2.90	–	–	5.8	5.8	7.0	7.0	5.2
A 30 2_9.3	9.3	1.60	3.1	3.1	4.5	4.4	5.7	5.7	4.0
A 30 2_10.5	10.5	2.30	–	–	5.2	5.1	6.4	6.4	4.6
A 30 2_11.8	11.8	1.10	2.6	2.6	4.0	3.9	5.2	5.2	3.4
A 30 2_13.6	13.6	1.50	–	–	4.4	4.3	5.6	5.6	3.9
A 30 2_18.0	18.0	0.90	2.4	2.4	3.8	3.7	5.0	5.0	3.2
A 30 2_22.8	22.8	0.60	2.1	2.1	3.5	3.4	4.7	4.7	3.0
A 30 2_29.3	29.3	0.40	1.9	1.9	3.3	3.2	4.5	4.5	2.8
A 30 2_36.6	36.6	0.30	1.8	1.8	3.2	3.1	4.4	4.4	2.7
A 30 2_43.4	43.4	0.20	1.7	1.7	3.1	3.0	4.3	4.3	2.6
A 30 2_52.7	52.7	0.20	1.7	1.7	3.1	3.0	4.3	4.3	2.5
A 30 2_66.0	66.0	0.10	1.6	1.6	3.0	2.9	4.2	4.2	2.5
A 30 2_76.5	76.5	0.10	1.6	1.6	3.0	2.9	4.2	4.2	2.5
A 30 2_97.5	97.5	0.10	1.6	1.6	3.0	2.9	4.2	4.2	2.4
A 30 3_120.5	120.5	0.10	1.6	1.6	–	–	–	–	0.9
A 30 3_150.7	150.7	0.10	1.6	1.6	–	–	–	–	0.9
A 30 3_178.6	178.6	0.10	1.6	1.6	–	–	–	–	0.9
A 30 3_216.6	216.6	0.10	1.6	1.6	–	–	–	–	0.9
A 30 3_271.5	271.5	0.10	1.6	1.6	–	–	–	–	0.9
A 30 3_314.6	314.6	0.10	1.6	1.6	–	–	–	–	0.9
A 30 3_400.8	400.8	0.04	1.5	1.6	–	–	–	–	0.9



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A 41

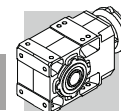
	i	J ($\cdot 10^{-4}$) [Kgm ²]								
			IEC							
			P63	P71	P80	P90	P100	P112	P132	
A 41 2_5.2	5.2	12.8	—	—	15.7	15.6	16.9	16.9	31.7	23.3
A 41 2_7.1	7.1	7.3	—	—	10.2	10.1	11.4	11.4	26.2	17.8
A 41 2_9.2	9.2	4.5	—	—	7.4	7.3	8.6	8.6	23.4	15.0
A 41 2_10.1	10.1	5.9	—	—	8.8	8.7	10.0	10.0	24.8	16.4
A 41 2_11.7	11.7	2.9	4.4	4.4	5.8	5.7	7.0	7.0	21.8	13.4
A 41 2_13.8	13.8	3.6	—	—	6.5	6.4	7.7	7.7	22.5	14.1
A 41 2_17.8	17.8	2.2	—	—	5.1	5.0	6.3	6.3	21.1	11.4
A 41 2_22.7	22.7	1.5	3.0	3.0	4.4	4.3	5.6	5.6	20.4	10.7
A 41 2_28.3	28.3	1.1	2.6	2.6	4.0	3.9	5.2	5.2	—	10.2
A 41 2_35.9	35.9	1.7	3.2	3.2	4.6	4.5	5.8	5.8	—	9.8
A 41 2_45.1	45.1	1.5	3.0	3.0	4.4	4.3	5.6	5.6	—	9.6
A 41 2_53.1	53.1	1.4	2.9	2.9	4.3	4.2	5.5	5.5	—	9.5
A 41 2_64.2	64.2	1.3	2.8	2.8	4.2	4.1	5.4	5.4	—	9.4
A 41 2_79.2	79.2	1.2	2.7	2.7	4.1	4.0	5.3	5.3	—	9.3
A 41 3_92.8	92.1	1.1	2.6	2.6	4.0	3.9	5.2	5.2	—	9.2
A 41 3_115.9	115.9	0.2	1.7	1.7	2.9	3.0	4.3	—	—	2.1
A 41 3_146.9	146.9	0.1	1.6	1.6	2.8	2.9	4.2	—	—	2.1
A 41 3_184.4	184.4	0.1	1.6	1.6	2.8	2.9	4.2	—	—	2.1
A 41 3_217.4	217.4	0.1	1.6	1.6	2.8	2.9	4.2	—	—	2.0
A 41 3_262.5	262.5	0.1	1.6	1.6	2.8	2.9	4.2	—	—	2.0
A 41 3_324.2	324.2	0.1	1.6	1.6	2.8	2.9	4.2	—	—	2.0
A 41 3_376.8	376.8	0.1	1.6	1.6	2.8	2.9	4.2	—	—	2.0



A 50

	i	J ($\cdot 10^{-4}$) [Kgm ²]										
			IEC									
			P63	P71	P80	P90	P100	P112	P132	P160		P180
A 50 2_7.7	7.7	15.0	—	—	17.9	17.8	19.10	19.10	34.0	93	91	24.1
A 50 2_9.7	9.7	10.2	—	—	13.10	13.0	14.3	14.3	29.1	89	86	19.3
A 50 2_13.1	13.1	6.3	—	—	9.2	9.1	10.3	10.3	25.2	85	82	15.3
A 50 2_16.6	16.6	4.2	—	—	7.0	7.0	8.2	8.2	23.1	82	80	13.2
A 50 2_20.9	20.9	2.8	4.2	4.2	5.7	5.6	6.9	6.9	21.7	81	79	11.9
A 50 3_24.0	24.0	6.0	—	—	8.9	8.8	10.1	10.1	24.9	84	82	15.0
A 50 3_26.4	26.4	5.8	—	—	8.7	8.6	9.9	9.9	24.7	84	82	14.8
A 50 3_32.4	32.4	4.0	—	—	6.8	6.8	8.1	8.1	22.9	82	80	13.0
A 50 3_35.6	35.6	3.9	—	—	6.7	6.7	8.0	8.0	22.8	82	80	12.9
A 50 3_40.9	40.9	2.7	—	—	5.6	5.5	6.8	6.8	21.6	81	79	11.8
A 50 3_45.0	45.0	2.6	—	—	5.5	5.4	6.7	6.7	21.5	81	79	11.7
A 50 3_51.7	51.7	1.9	3.4	3.4	4.7	4.7	6.0	6.0	20.8	80	78	11.0
A 50 3_56.8	56.8	1.9	3.3	3.3	4.7	4.6	5.9	5.9	20.8	80	78	10.9
A 50 3_63.9	63.9	1.4	2.9	2.8	4.2	4.2	5.5	5.5	20.3	80	77	10.5
A 50 3_70.2	70.2	1.4	2.8	2.8	4.2	4.1	5.4	5.4	20.3	80	77	10.4
A 50 3_81.5	81.5	0.9	2.4	2.4	3.8	3.7	5.0	5.0	19.8	79	77	10.0
A 50 3_89.5	89.5	0.9	2.4	2.4	3.7	3.7	5.0	5.0	19.8	79	77	10.0
A 50 3_99.5	99.5	0.6	2.1	2.1	3.5	3.4	4.7	4.7	19.5	79	77	9.7
A 50 3_109.4	109.4	0.6	2.1	2.1	3.5	3.4	4.7	4.7	19.5	79	77	9.7
A 50 3_118.0	118.0	0.5	2.0	2.0	3.4	3.3	4.6	4.6	—	—	—	9.6
A 50 3_129.7	129.7	0.5	2.0	2.0	3.4	3.3	4.6	4.6	—	—	—	9.6
A 50 3_140.6	140.6	0.4	1.8	1.8	3.2	3.2	4.4	4.4	—	—	—	9.4
A 50 3_154.6	154.6	0.4	1.8	1.8	3.2	3.2	4.4	4.4	—	—	—	9.4
A 50 3_173.4	173.4	0.3	1.7	1.7	3.1	3.0	4.3	4.3	—	—	—	9.3
A 50 3_190.6	190.6	0.2	1.7	1.7	3.1	3.0	4.3	4.3	—	—	—	9.3



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A 60

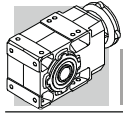


	i	J ($\cdot 10^{-4}$) [Kgm ²]										
			IEC									
			P63	P71	P80	P90	P100	P112	P132	P160	P180	
A 60 2_7.9	7.9	36.0	—	—	—	—	—	—	54.0	114	112	57.0
A 60 2_10.3	10.3	22.6	—	—	25.4	25.4	26.7	26.7	41.0	101	99	44.0
A 60 2_12.7	12.7	16.1	—	—	18.9	18.8	20.1	20.1	35.0	94	92	37.0
A 60 2_16.7	16.7	9.4	—	—	12.2	12.2	13.5	13.5	28.3	88	85	30.0
A 60 2_20.6	20.6	6.7	—	—	9.6	9.5	10.8	10.8	25.6	85	83	27.7
A 60 3_25.7	25.7	14.1	—	—	16.9	16.9	18.1	18.1	33.0	92	90	35.0
A 60 3_27.9	27.9	13.8	—	—	16.7	16.6	17.9	17.9	33.0	92	90	35.0
A 60 3_31.7	31.7	10.4	—	—	13.2	13.2	14.5	14.5	29.3	89	86	31.0
A 60 3_34.3	34.3	10.3	—	—	13.1	13.1	14.4	14.4	29.2	89	86	31.0
A 60 3_41.7	41.7	6.1	—	—	9.0	8.9	10.2	10.2	25.1	84	82	27.1
A 60 3_45.2	45.2	6.1	—	—	8.9	8.9	10.1	10.1	25.0	84	82	27.0
A 60 3_51.3	51.3	5.0	—	—	7.4	7.4	8.7	8.7	23.5	83	81	25.6
A 60 3_55.6	55.6	4.5	—	—	7.4	7.3	8.6	8.6	23.4	83	81	25.5
A 60 3_65.0	65.0	3.2	—	—	6.1	6.0	7.3	7.3	22.1	82	79	24.2
A 60 3_70.4	70.4	3.2	—	—	6.1	6.0	7.3	7.3	22.1	81	79	24.2
A 60 3_79.7	79.7	2.1	—	—	5.0	4.9	6.2	6.2	21.0	80	78	23.1
A 60 3_86.4	86.4	2.1	—	—	5.0	4.9	6.2	6.2	21.0	80	78	23.1
A 60 3_99.5	99.5	2.0	—	—	4.3	4.3	5.6	5.6	20.4	80	78	22.5
A 60 3_107.8	107.8	1.5	—	—	4.3	4.3	5.6	5.6	20.4	80	78	22.4
A 60 3_123.0	123.0	1.1	—	—	4.0	3.9	5.2	5.2	20.0	79	77	22.1
A 60 3_133.3	133.3	1.1	—	—	3.9	3.9	5.2	5.2	20.0	79	77	22.0
A 60 3_144.0	144.0	0.8	—	—	3.7	3.6	5.0	5.0	—	—	—	21.8
A 60 3_156.0	156.0	0.8	—	—	3.7	3.6	5.0	5.0	—	—	—	21.8
A 60 3_171.5	171.5	0.6	—	—	3.5	3.4	4.7	4.7	—	—	—	21.6
A 60 3_185.8	185.8	0.6	—	—	3.5	3.4	4.7	4.7	—	—	—	21.6




A 70

	i	J ($\cdot 10^{-4}$) [Kgm ²]										
			IEC									
			P80	P90	P100	P112	P132	P160	P180	P200	P225	
A 70 3_9.4	9.4	—	—	—	—	—	187	185	194	—	—	150
A 70 3_10.2	10.2	—	—	—	—	—	183	180	190	—	—	146
A 70 3_12.1	12.1	—	—	—	—	—	150	148	157	—	—	113
A 70 3_13.1	13.1	—	—	—	—	—	147	145	154	—	—	111
A 70 3_15.4	15.4	45.0	—	—	—	64.0	124	121	161	—	—	87
A 70 3_16.7	16.7	44.0	—	—	—	63.0	122	120	129	—	—	85
A 70 3_19.7	19.7	30.0	—	—	—	49.0	109	107	—	—	—	72
A 70 3_21.3	21.3	29.0	—	—	—	48.0	108	106	—	—	—	71
A 70 3_23.5	23.5	—	—	—	—	57.0	116	114	—	—	—	79
A 70 3_27.8	27.8	—	—	—	—	49.0	118	116	125	—	—	81
A 70 3_30.1	30.1	—	—	—	—	49.0	117	115	124	—	—	81
A 70 3_35.4	35.4	25.7	—	—	—	45.0	104	102	111	—	—	67
A 70 3_38.4	38.4	25.4	—	—	—	44.0	104	101	111	—	—	67
A 70 3_45.2	45.2	18.3	—	—	—	37.0	97	94	—	—	—	59
A 70 3_49.0	49.0	18.2	—	—	—	37.0	96	94	—	—	—	59
A 70 3_53.2	53.2	15.0	—	—	—	34.0	93	91	—	—	—	56
A 70 3_57.7	57.7	15.0	—	—	—	34.0	93	91	—	—	—	56
A 70 3_66.9	66.9	9.7	12.1	12.0	13.3	13.3	28.6	88	86	—	—	51
A 70 3_72.5	72.5	9.6	12.0	12.0	13.2	13.2	28.4	88	86	—	—	51
A 70 3_79.3	79.3	6.8	9.4	9.3	10.6	10.6	25.7	85	83	—	—	48
A 70 3_85.9	85.9	6.7	9.3	9.3	10.5	10.5	25.6	85	83	—	—	48
A 70 3_96.2	96.2	5.4	8.2	8.2	9.4	9.4	24.4	84	82	—	—	47
A 70 3_104.2	104.2	5.4	8.2	8.1	9.4	9.4	24.3	84	81	—	—	47
A 70 3_120.6	120.6	3.4	6.2	6.2	7.5	7.5	22.3	82	79	—	—	45
A 70 3_130.7	130.7	3.4	6.2	6.2	7.4	7.4	22.3	82	79	—	—	45
A 70 3_141.9	141.9	2.4	5.3	5.2	6.5	6.5	21.3	81	78	—	—	44
A 70 3_153.7	153.7	2.4	5.2	5.2	6.5	6.5	21.3	81	78	—	—	44




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 Im Hinblick auf die Trägheitsmomente der 4-stufigen Getriebe verweisen wir auf unseren Technischen Dienst.
 Quant aux valeurs des moments d'inertie, se référant aux réducteurs à 4 étages, consultez notre Service technique.



A 80

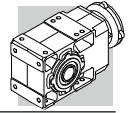
	i	J ($\cdot 10^{-4}$) [Kgm ²]										
			 IEC									
			P80	P90	P100	P112	P132	P160	P180	P200	P225	
A 80 3_9.8	9.8	—	—	—	—	—	—	—	320	333	611	286
A 80 3_10.7	10.7	—	—	—	—	—	—	—	309	323	601	276
A 80 3_12.3	12.3	—	—	—	—	—	—	239	239	253	531	205
A 80 3_13.3	13.3	—	—	—	—	—	—	232	233	246	524	199
A 80 3_15.5	15.5	—	—	—	—	—	—	187	185	194	478	150
A 80 3_16.7	16.7	—	—	—	—	—	—	183	180	190	474	150
A 80 3_19.3	19.3	69.0	—	—	—	—	88.0	147	145	154	440	111
A 80 3_20.9	20.9	66.0	—	—	—	—	85.0	145	142	152	437	108
A 80 3_22.6	22.6	—	—	—	—	—	—	—	205	219	496	171
A 80 3_24.5	24.5	—	—	—	—	—	—	—	203	217	494	169
A 80 3_28.2	28.2	—	—	—	—	—	—	165	166	179	457	132
A 80 3_30.6	30.6	—	—	—	—	—	—	164	164	178	456	130
A 80 3_35.5	35.5	—	—	—	—	—	—	140	138	147	432	104
A 80 3_38.5	38.5	—	—	—	—	—	—	140	137	147	431	103
A 80 3_44.5	44.5	39.0	—	—	—	—	58.0	118	115	125	410	81
A 80 3_48.2	48.2	39.0	—	—	—	—	58.0	117	115	124	410	81
A 80 3_55.2	55.2	29.3	—	—	—	—	48.0	108	105	136	399	70
A 80 3_59.8	59.8	29.0	—	—	—	—	48.0	107	105	136	399	70
A 80 3_66.8	66.8	22.2	—	—	—	—	41.0	101	98	128	391	63
A 80 3_72.4	72.4	22.0	—	—	—	—	41.0	100	98	128	391	63
A 80 3_82.3	82.3	15.0	17.2	17.1	18.4	18.4	34.0	94	91	120	384	56
A 80 3_89.2	89.2	15.0	17.1	17.0	18.3	18.3	34.0	93	91	120	386	56
A 80 3_96.0	96.0	14.0	16.1	16.1	17.3	17.3	32.0	92	90	119	382	55
A 80 3_104.0	104.0	13.4	16.0	16.0	17.2	17.2	32.0	92	89	119	382	55
A 80 3_116.0	116.0	9.1	12.0	11.8	13.1	13.1	28.0	87	85	114	378	50
A 80 3_125.6	125.6	9.1	11.8	11.8	13.1	13.1	28.0	87	85	—	—	50
A 80 3_144.7	144.7	5.4	8.3	8.2	10.0	10.0	24.4	84	82	—	—	47
A 80 3_156.8	156.8	—	3.0	2.9	4.2	4.2	19.1	78	76	—	—	41

A 90

	i	J ($\cdot 10^{-4}$) [Kgm ²]											
			 IEC										
			P80	P90	P100	P112	P132	P160	P180	P200	P225		P250
A 90 3_9.7	9.7	—	—	—	—	—	—	—	597	611	889	518.0	898
A 90 3_10.5	10.5	—	—	—	—	—	—	—	575	589	867	496.0	876
A 90 3_12.6	12.6	—	—	—	—	—	—	—	402	416	693	323.0	703
A 90 3_13.7	13.7	—	—	—	—	—	—	—	389	403	681	310.0	690
A 90 3_15.6	15.6	—	—	—	—	—	—	—	306	319	597	227.0	607
A 90 3_16.9	16.9	—	—	—	—	—	—	—	297	311	589	218.0	598
A 90 3_19.4	19.4	149.0	—	—	—	—	—	236	234	243	527	159.0	530
A 90 3_21.0	21.0	143.0	—	—	—	—	—	231	228	238	522	153.0	524
A 90 3_22.3	22.3	—	—	—	—	—	—	—	326	340	618	247.0	627
A 90 3_24.1	24.1	—	—	—	—	—	—	—	322	336	614	243.0	623
A 90 3_29.1	29.1	—	—	—	—	—	—	—	243	257	535	164.0	544
A 90 3_31.5	31.5	—	—	—	—	—	—	—	241	254	532	162.0	542
A 90 3_35.8	35.8	—	—	—	—	—	—	—	201	215	493	122.0	502
A 90 3_38.8	38.8	—	—	—	—	—	—	—	200	213	491	121.0	500
A 90 3_44.6	44.6	81.0	—	—	—	—	—	169	166	176	460	91.0	462
A 90 3_48.3	48.3	80.0	—	—	—	—	—	168	165	175	459	90.0	461
A 90 3_55.0	55.0	66.0	—	—	—	—	85.0	144	142	151	437	68.0	438
A 90 3_59.6	59.6	66.0	—	—	—	—	84.0	144	141	151	436	68.0	437
A 90 3_68.8	68.8	48.0	—	—	—	—	67.0	126	124	154	418	49.0	416
A 90 3_74.5	74.5	47.0	—	—	—	—	66.0	126	123	154	417	49.0	416
A 90 3_80.4	80.4	43.0	—	—	—	—	62.0	121	119	149	412	43.0	412
A 90 3_87.1	87.1	43.0	—	—	—	—	62.0	121	119	148	412	43.0	412
A 90 3_98.6	98.6	28.0	30.0	30.0	32.0	32.0	47.0	106	104	134	397	28.1	399
A 90 3_106.8	106.8	28.0	30.0	30.0	31.0	31.0	47.0	106	104	133	397	28.0	399
A 90 3_116.9	116.9	23.0	25.2	25.1	26.4	26.4	41	101	99	128	391	22.6	394
A 90 3_126.7	126.7	22.4	25.0	25.0	26.2	26.2	41	101	98	128	391	22.4	394
A 90 3_139.4	139.4	15.0	17.3	17.2	19.0	19.0	33	93	91	—	—	—	386
A 90 3_151.0	151.0	—	3.0	3.0	4.3	4.3	19.2	79	76	—	—	—	372

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 Quant aux valeurs des moments d'inertie, se référant aux réducteurs à 4 étages, consultez notre Service technique.

A 10...M

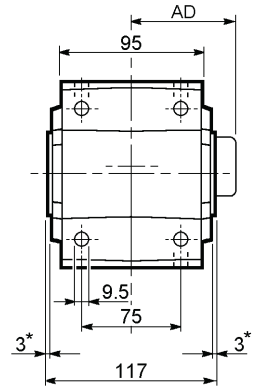
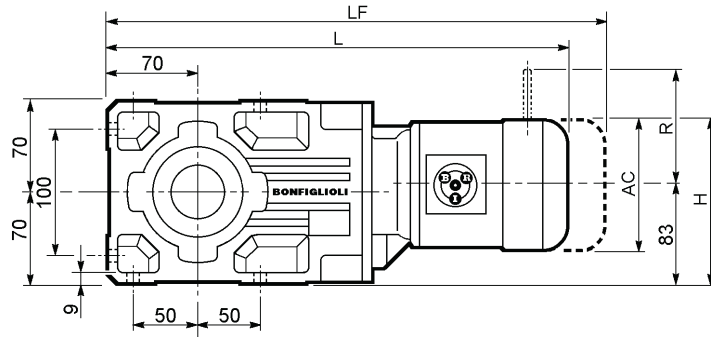
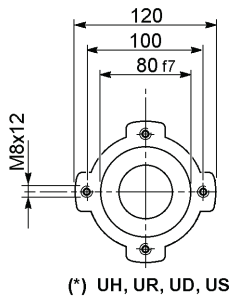





32 - DIMENSIONI

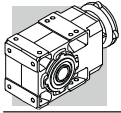
32 - DIMENSIONS

32 - ABMESSUNGEN

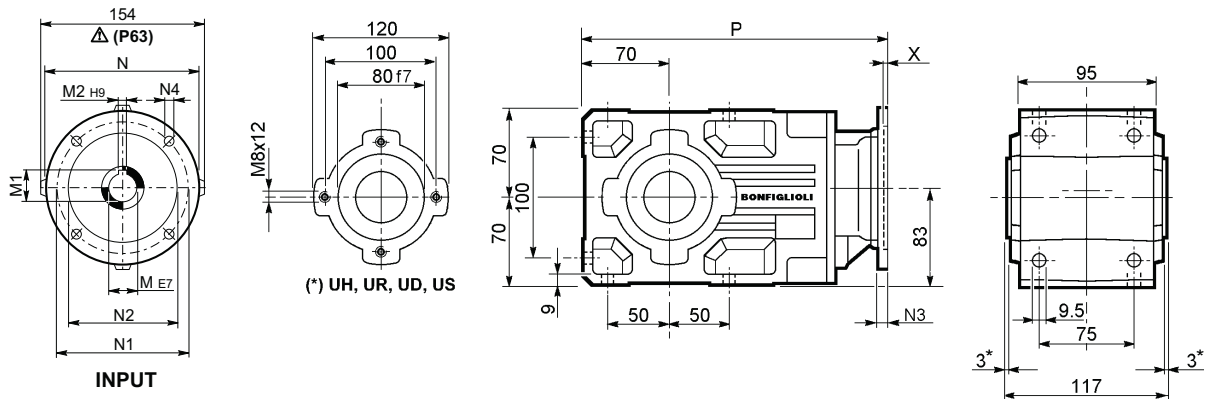
32 - DIMENSIONS



A 10													
  	AC	H	L	AD	Kg	M_FD M_FA		M_FD		M_FA			
						LF	Kg	R	AD	R	AD		
A 10 2 S05 M05	121	143.5	408.5	95	12	474.5	14	96	119	116	95		
A 10 2 S1 M1S	138	152	413.5	108	13	476.5	16	103	132	124	108		
A 10 2 S1 M1L	138	152	437.5	108	14	498.5	17	103	132	124	108		
A 10 2 S2 M2S	156	161	466.5	119	18	536.5	22	129	143	134	119		
A 10 2 S3 M3S	195	180.5	509.5	142	23	605.5	30	160	155	160	142		
A 10 2 S3 M3L	195	180.5	541.5	142	30	632.5	37	160	155	160	142		

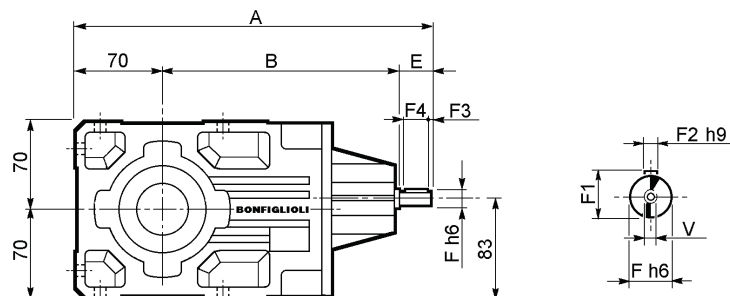


A 10...P(IEC)



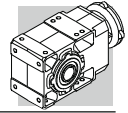
A 10												
		M	M1	M2	N	N1	N2	N3	N4	X	P	
A 10 2	P63	11	12.8	4	140	115	95	—	M8x19	4	282.5	8
A 10 2	P71	14	16.3	5	160	130	110	—	M8x16	4.5	282.5	9
A 10 2	P80	19	21.8	6	200	165	130	—	M10x12	4	302	9
A 10 2	P90	24	27.3	8	200	165	130	—	M10x12	4	302	9
A 10 2	P100	28	31.3	8	250	215	180	—	M12x16	4.5	312	13
A 10 2	P112	28	31.3	8	250	215	180	—	M12x16	4.5	312	13

A 10...HS

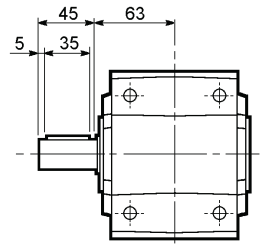
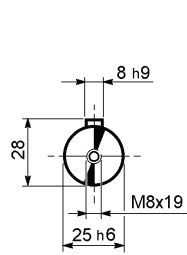


A 10											
		A	B	E	F	F1	F2	F3	F4	V	
A 10 2	HS	289.5	179.5	40	16	18	5	2.5	35	M6x16	7.8

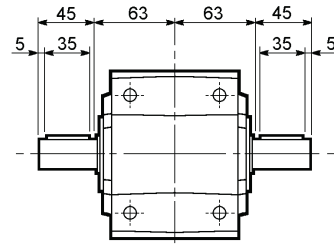
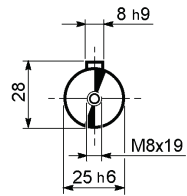
A 10



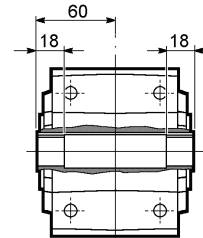
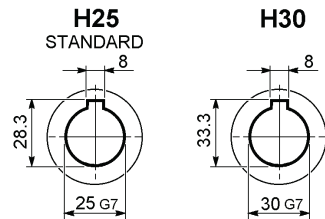
A 10...NR
A 10...UR



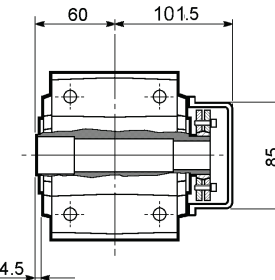
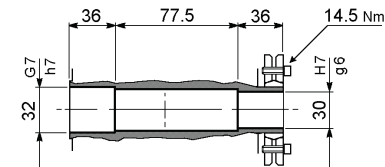
A 10...ND
A 10...UD



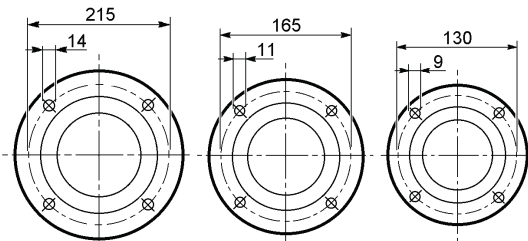
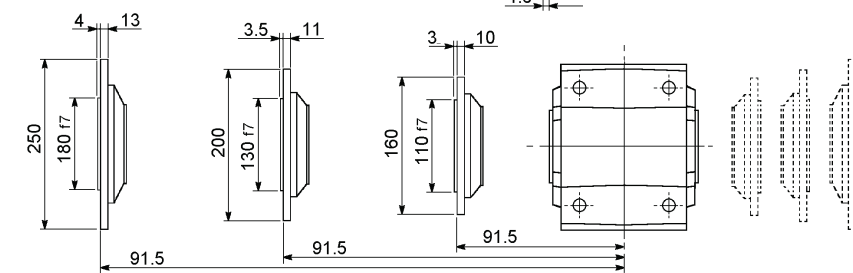
A 10...NH
A 10...UH



A 10...US



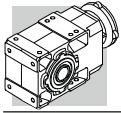
A 10...F...



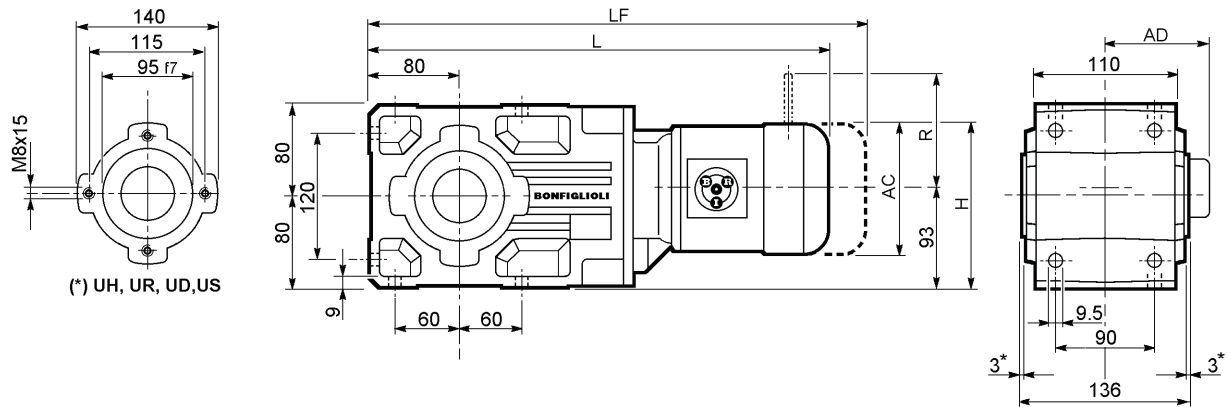
C

B






A



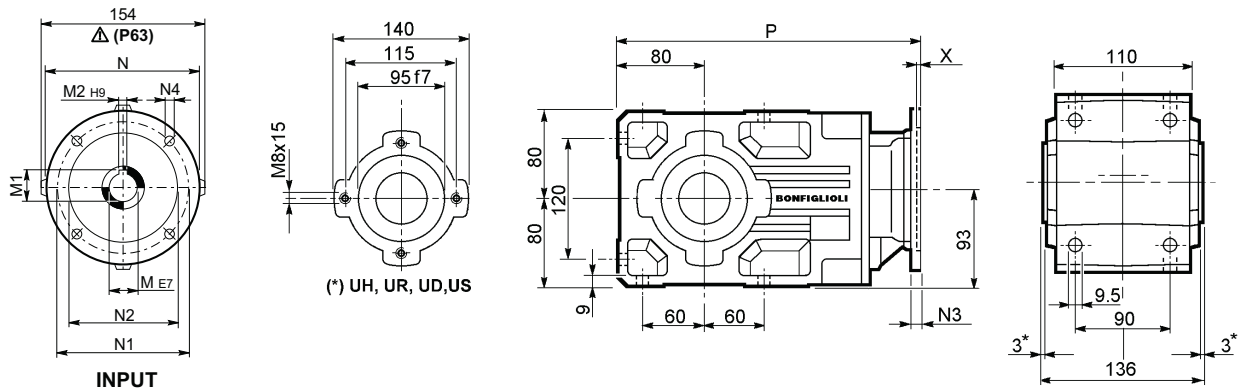
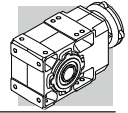
A 20...M



(*) UH, UR, UD,US

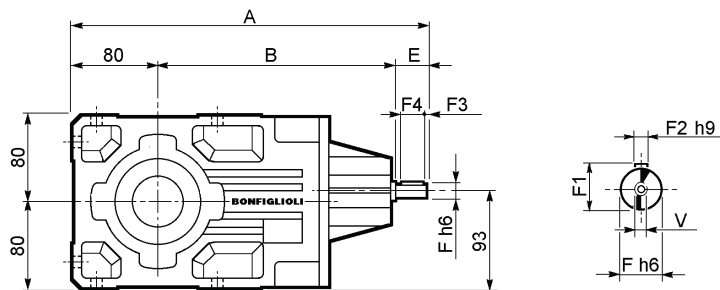
A 20													
								M_FD M_FA		M_FD		M_FA	
			AC	H	L	AD		LF		R	AD	R	AD
A 20 2	S05	M05	121	143.5	432	95	16	498	18	96	119	116	95
A 20 2	S1	M1S	138	152	437	108	17	500	19	103	132	124	108
A 20 2	S1	M1L	138	152	461	108	18	522	21	103	132	124	108
A 20 2	S2	M2S	156	161	490	119	22	560	26	129	143	134	119
A 20 2	S3	M3S	195	180.5	533	142	27	629	34	160	155	160	142
A 20 2	S3	M3L	195	180.5	565	142	34	656	41	160	155	160	142
A 20 3	S05	M05	121	143.5	457.5	95	16	553.5	18	96	119	116	95
A 20 3	S1	M1S	138	152	462.5	108	17	555.5	20	103	132	124	108
A 20 3	S1	M1L	138	152	486.5	108	19	577.5	21	103	132	124	108
A 20 3	S2	M2S	156	161	545.5	119	23	615.5	27	129	143	134	119
A 20 3	S3	M3S	195	180.5	588.5	142	28	684.5	35	160	155	160	142
A 20 3	S3	M3L	195	180.5	620.5	142	35	711.5	42	160	155	160	142

A 20...P(IEC)

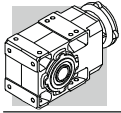


A 20														
		M	M1	M2	N	N1	N2	N3	N4	X	P	kg		
		A 20 2	P63	11	12.8	4	140	115	95	—	M8x19	4	306	12
		A 20 2	P71	14	16.3	5	160	130	110	—	M8x16	4.5	306	12
		A 20 2	P80	19	21.8	6	200	165	130	—	M10x12	4	325.5	13
		A 20 2	P90	24	27.3	8	200	165	130	—	M10x12	4	325.5	13
		A 20 2	P100	28	31.3	8	250	215	180	—	M12x16	4.5	335.5	17
		A 20 2	P112	28	31.3	8	250	215	180	—	M12x16	4.5	335.5	17
		A 20 3	P63	11	12.8	4	140	115	95	—	M8x19	4	361.5	13
		A 20 3	P71	14	16.3	5	160	130	110	—	M8x16	4.5	361.5	13
		A 20 3	P80	19	21.8	6	200	165	130	—	M10x12	4	381	14
		A 20 3	P90	24	27.3	8	200	165	130	—	M10x12	4	381	14
		A 20 3	P100	28	31.3	8	250	215	180	—	M12x16	4.5	391	18
		A 20 3	P112	28	31.3	8	250	215	180	—	M12x16	4.5	391	18

A 20...HS

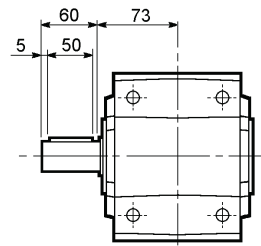
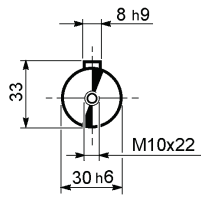


A 20													
		A	B	E	F	F1	F2	F3	F4	V	kg		
		A 20 2	HS	356	236	40	19	21.5	6	2.5	35	M6x16	11.9
		A 20 3	HS	368.5	248.5	40	16	18	5	2.5	35	M6x16	12.2

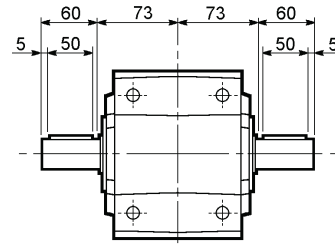
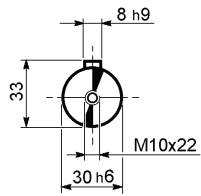


A 20

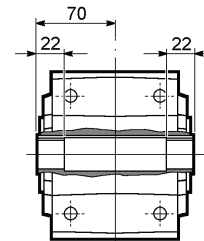
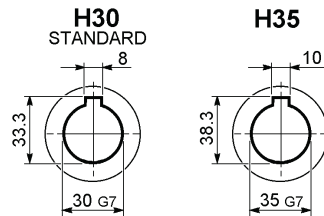
A 20...NR
A 20...UR



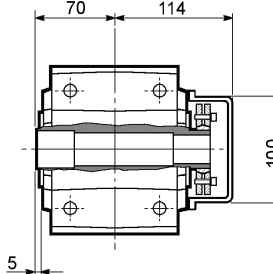
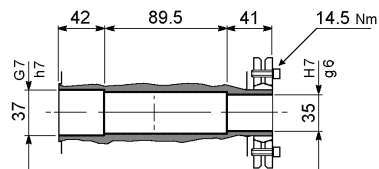
A 20...ND
A 20...UD



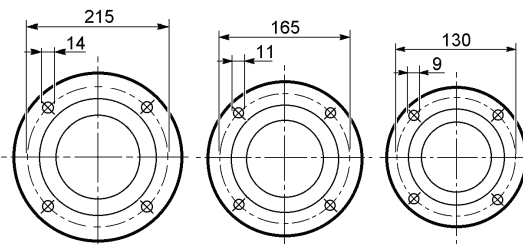
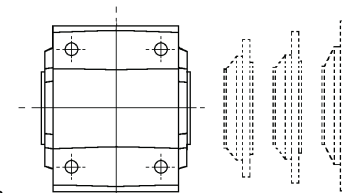
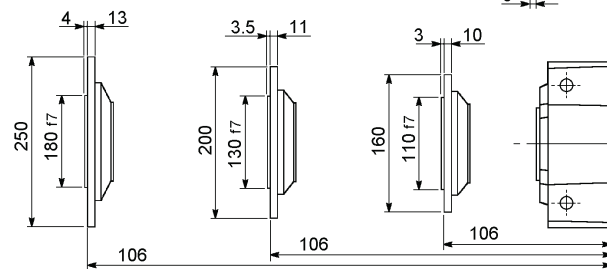
A 20...NH
A 20...UH



A 20...US



A 20...F...

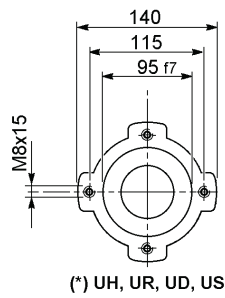
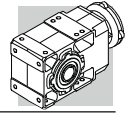


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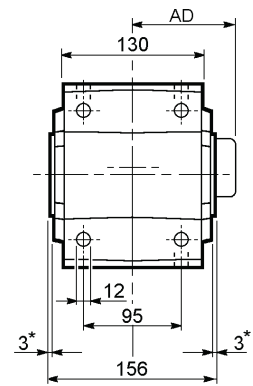
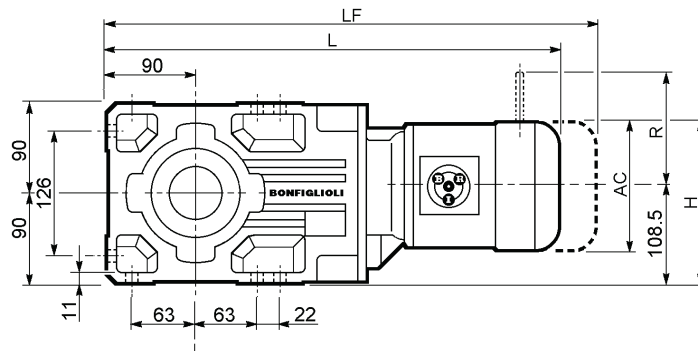
B

A

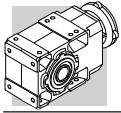
A 30...M



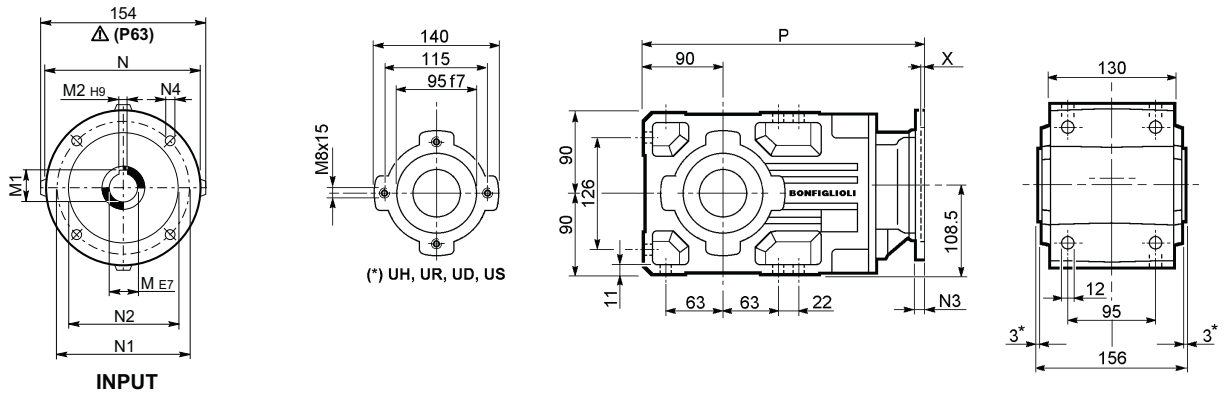
(*) UH, UR, UD, US



A 30														
								M_FD M_FA		M_FD		M_FA		
			AC	H	L	AD	Kg	LF	Kg	R	AD	R	AD	
	A 30 2	S1	M1S	138	177.5	464	108	20	527	23	103	132	124	108
	A 30 2	S1	M1L	138	177.5	488	108	22	549	24	103	132	124	108
	A 30 2	S2	M2S	156	186.5	517	119	25	587	29	129	143	134	119
	A 30 2	S3	M3S	195	206	560	142	30	656	38	160	155	160	142
	A 30 2	S3	M3L	195	206	592	142	38	683	45	160	155	160	142
	A 30 3	S05	M05	121	169	516.5	95	21	582.5	22	96	119	116	95
	A 30 3	S1	M1S	138	177.5	521.5	108	21	584.5	24	103	132	124	108
	A 30 3	S1	M1L	138	177.5	545.5	108	23	606.5	26	103	132	124	108
	A 30 3	S2	M2S	156	186.5	574.5	119	25	644.5	29	129	143	134	119
	A 30 3	S3	M3S	195	206	617.5	142	30	713.5	38	160	155	160	142
	A 30 3	S3	M3L	195	206	649.5	142	38	740.5	45	160	155	160	142

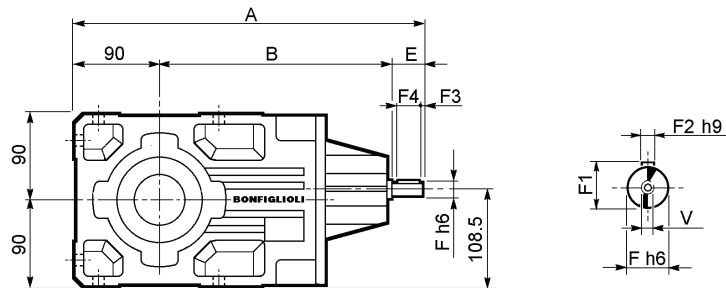


A 30...P(IEC)



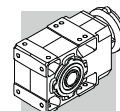
A 30														
		M	M1	M2	N	N1	N2	N3	N4	X	P	Kg		
		A 30 2	P63	11	12.8	4	140	115	95	—	M8x19	4	333	16
		A 30 2	P71	14	16.3	5	160	130	110	—	M8x16	4.5	333	16
		A 30 2	P80	19	21.8	6	200	165	130	—	M10x12	4	352.5	17
		A 30 2	P90	24	27.3	8	200	165	130	—	M10x12	4	352.5	17
		A 30 2	P100	28	31.3	8	250	215	180	—	M12x16	4.5	362.5	20
		A 30 2	P112	28	31.3	8	250	215	180	—	M12x16	4.5	362.5	20
		A 30 3	P63	11	12.8	4	140	115	95	—	M8x19	4	390.5	17
		A 30 3	P71	14	16.3	5	160	130	110	—	M8x16	4.5	390.5	17
		A 30 3	P80	19	21.8	6	200	165	130	—	M10x12	4	410	18
		A 30 3	P90	24	27.3	8	200	165	130	—	M10x12	4	410	18
		A 30 3	P100	28	31.3	8	250	215	180	—	M12x16	4.5	420	22
		A 30 3	P112	28	31.3	8	250	215	180	—	M12x16	4.5	420	22

A 30...HS

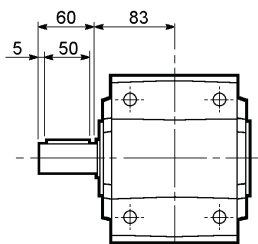
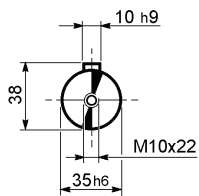


A 30													
		A	B	E	F	F1	F2	F3	F4	V	Kg		
		A 30 2	HS	383	253	40	19	21.5	6	2.5	40	M6x16	16.7
		A 30 3		397.5	267.5	40	16	18	5	2.5	35	M6x16	16.5

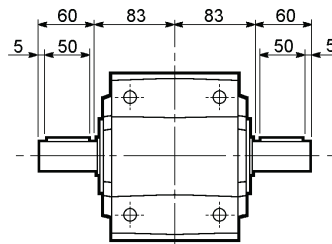
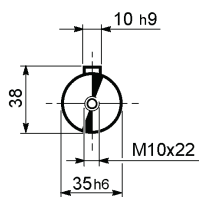
A 30



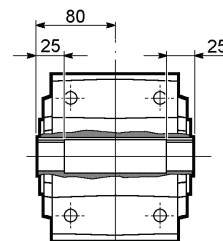
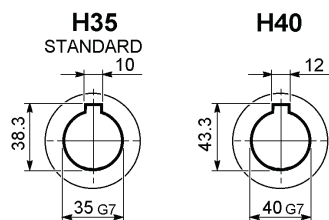
A 30...NR
A 30...UR



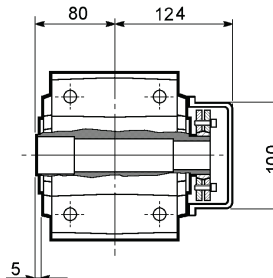
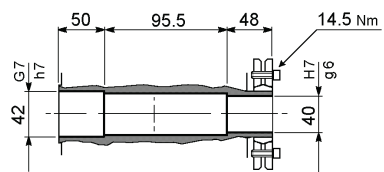
A 30...ND
A 30...UD



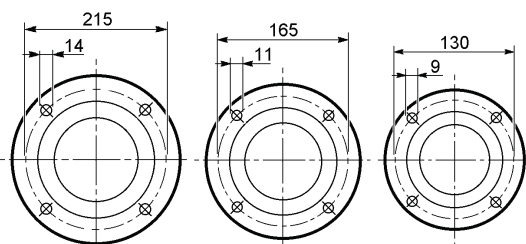
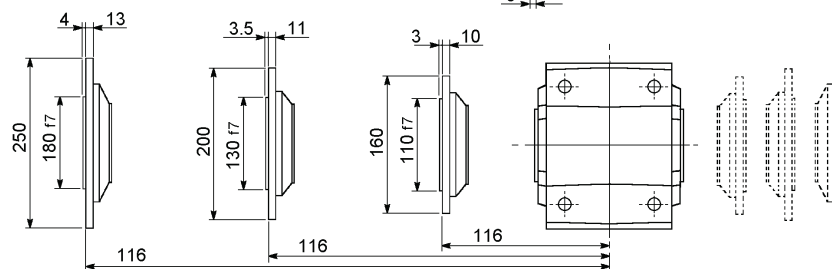
A 30...NH
A 30...UH



A 30...US



A 30...F...



C

B

A