

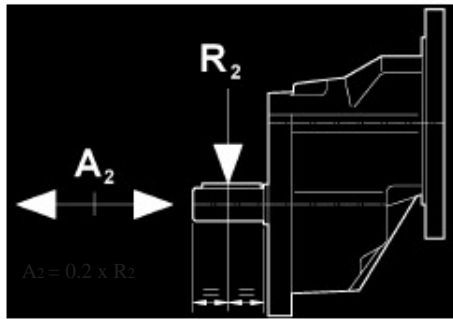
Reductoare Seria RS și RT

1400 min⁻¹

Tabel de Selecție

Reductoare cilindro-melcate RA - TA

	$i_1 =$ min ⁻¹	3.5	6.3	8									
XA63	kW	0.50	0.23	0.18									
	Nm	12	10	9									
	R ₂ [N]	390	450	450									
XA71	kW	1.1	0.52	0.37									
	Nm	26	22	20									
	R ₂ [N]	490	560	560									
XA80	kW	3.1	1.5	1.1									
	Nm	68	65	60									
	R ₂ [N]	610	700	700									
XA100	kW	8.7	4.0	2.2									
	Nm	235	163	136									
	R ₂ [N]	1500	2500	2500									



Dimensiuni: pagina 44

$i_1 = 3.5$	$i = i_1 \times i_2$	25	35	53	70	98	140	172	196	245	280	350
	min ⁻¹	57	40	27	20	14	10	8	7	6	5	4
	i_2	7	10	15	20	28	40	49	56	70	80	100
63/40	kW	0.55	0.40	0.28	0.20	0.19	0.13	0.11	0.10	0.06	0.05	0.03
	Nm	72	72	70	60	70	64	58	56	42	35	25
	eff.	0.78	0.75	0.70	0.63	0.56	0.50	0.46	0.44	0.41	0.40	0.35
63/50	kW	1.02	0.70	0.50	0.33	0.32	0.21	0.20	0.16	0.11	0.09	0.06
	Nm	135	127	125	105	125	105	115	100	80	70	50
	eff.	0.79	0.76	0.70	0.66	0.59	0.52	0.50	0.46	0.42	0.40	0.35
63/60	kW	1.53	1.18	0.83	0.57	0.53	0.33	0.27	0.23	0.19	0.15	0.10
	Nm	205	217	215	192	217	177	170	152	145	110	85
	eff.	0.80	0.77	0.72	0.70	0.61	0.57	0.54	0.49	0.45	0.38	0.36
71/70	kW	1.96	1.48	1.08	0.77	0.72	0.50	0.43	0.36	0.30	0.26	0.19
	Nm	265	275	285	260	310	270	270	235	225	200	180
	eff.	0.81	0.78	0.74	0.71	0.64	0.57	0.54	0.49	0.45	0.41	0.39
71/85	kW	3.14	2.39	1.77	1.37	1.11	0.80	0.65	0.58	0.49	0.40	0.26
	Nm	430	450	475	470	475	445	420	410	390	340	250
	eff.	0.82	0.79	0.75	0.72	0.64	0.58	0.55	0.53	0.48	0.44	0.40
80/110	kW	6.02	4.63	3.58	2.61	2.18	1.60	1.27	1.12	0.86	0.86	0.54
	Nm	835	895	950	910	960	950	850	820	750	740	540
	eff.	0.83	0.81	0.74	0.73	0.66	0.62	0.57	0.55	0.52	0.45	0.42
RA 100/130	kW	7.0	6.8	5.5	3.8	3.1	2.3	1.7	1.5	1.3	1.1	0.8
	Nm	975	1320	1495	1350	1430	1380	1300	1250	1200	1080	880
	eff.	0.83	0.81	0.77	0.75	0.67	0.63	0.64	0.62	0.60	0.50	0.48
RA 100/150	kW	7.9	7.8	7.5	5.7	4.5	3.3	2.7	2.4	1.8	1.6	1.0
	Nm	1115	1535	2090	2060	2130	2050	2040	2025	1700	1459	1200
	eff.	0.84	0.82	0.79	0.76	0.69	0.66	0.64	0.62	0.60	0.52	0.50

1400 min⁻¹
Reductoare Seria RS și RT

Reductoare cilindro-melcate RA - TA

Tabel de Selecție

$i_1 = 6.3$	$i = i_1 \times i_2$	44	63	95	126	176	252	309	353	441	504	630
	min ⁻¹	32	22	15	11	8	5.5	4.6	4	3.2	2.8	2.2
	i_2	7	10	15	20	28	40	49	56	70	80	100
63/40	kW	0.35	0.25	0.17	0.12	0.11	0.08	0.06	0.06	0.05	0.04	0.03
	Nm	79	78	74	63	69	63	57	55	53	51	46
	eff.	0.76	0.72	0.67	0.60	0.52	0.45	0.43	0.39	0.35	0.34	0.31
63/50	kW	0.62	0.42	0.30	0.20	0.20	0.14	0.11	0.10	0.09	0.07	0.05
	Nm	145	133	130	113	138	115	108	100	92	89	72
	eff.	0.78	0.74	0.67	0.63	0.55	0.48	0.45	0.42	0.36	0.36	0.31
63/60	kW	0.92	0.74	0.52	0.40	0.35	0.23	0.16	0.16	0.11	0.10	0.08
	Nm	218	237	235	230	238	210	160	175	141	130	122
	eff.	0.79	0.75	0.70	0.67	0.57	0.53	0.49	0.45	0.42	0.37	0.35
71/70	kW	1.2	0.95	0.68	0.50	0.44	0.32	0.26	0.23	0.18	0.17	0.12
	Nm	289	310	310	292	320	295	272	254	221	210	190
	eff.	0.80	0.76	0.71	0.68	0.60	0.54	0.50	0.46	0.42	0.37	0.36
71/85	kW	2.0	1.6	1.1	0.84	0.69	0.53	0.43	0.37	0.28	0.26	0.22
	Nm	490	526	516	495	501	500	466	449	391	380	345
	eff.	0.80	0.77	0.72	0.69	0.60	0.55	0.51	0.50	0.46	0.42	0.36
80/110	kW	4.3	3.2	2.4	1.8	1.6	1.1	1.0	0.80	0.66	0.51	0.32
	Nm	1030	1100	1150	100	1170	1110	1100	995	950	780	550
	eff.	0.81	0.79	0.74	0.71	0.63	0.57	0.53	0.52	0.48	0.45	0.39
100/130	kW	6.41	4.94	3.72	2.71	2.37	1.65	1.47	1.25	1.02	0.82	0.47
	Nm	1600	1700	1800	1700	1800	1700	1700	1600	1600	1300	900
	eff.	0.83	0.80	0.75	0.73	0.63	0.60	0.55	0.53	0.52	0.46	0.45
100/150	kW	8.41	6.61	5.04	3.77	3.02	2.31	1.82	1.41	1.24	1.09	0.84
	Nm	2100	2300	2500	2400	2400	2500	2300	2000	1800	1800	1700
	eff.	0.83	0.81	0.77	0.74	0.66	0.63	0.60	0.59	0.81	0.48	0.47

Reductoare Seria RS și RT

1400 min⁻¹

Tabel de Selecție

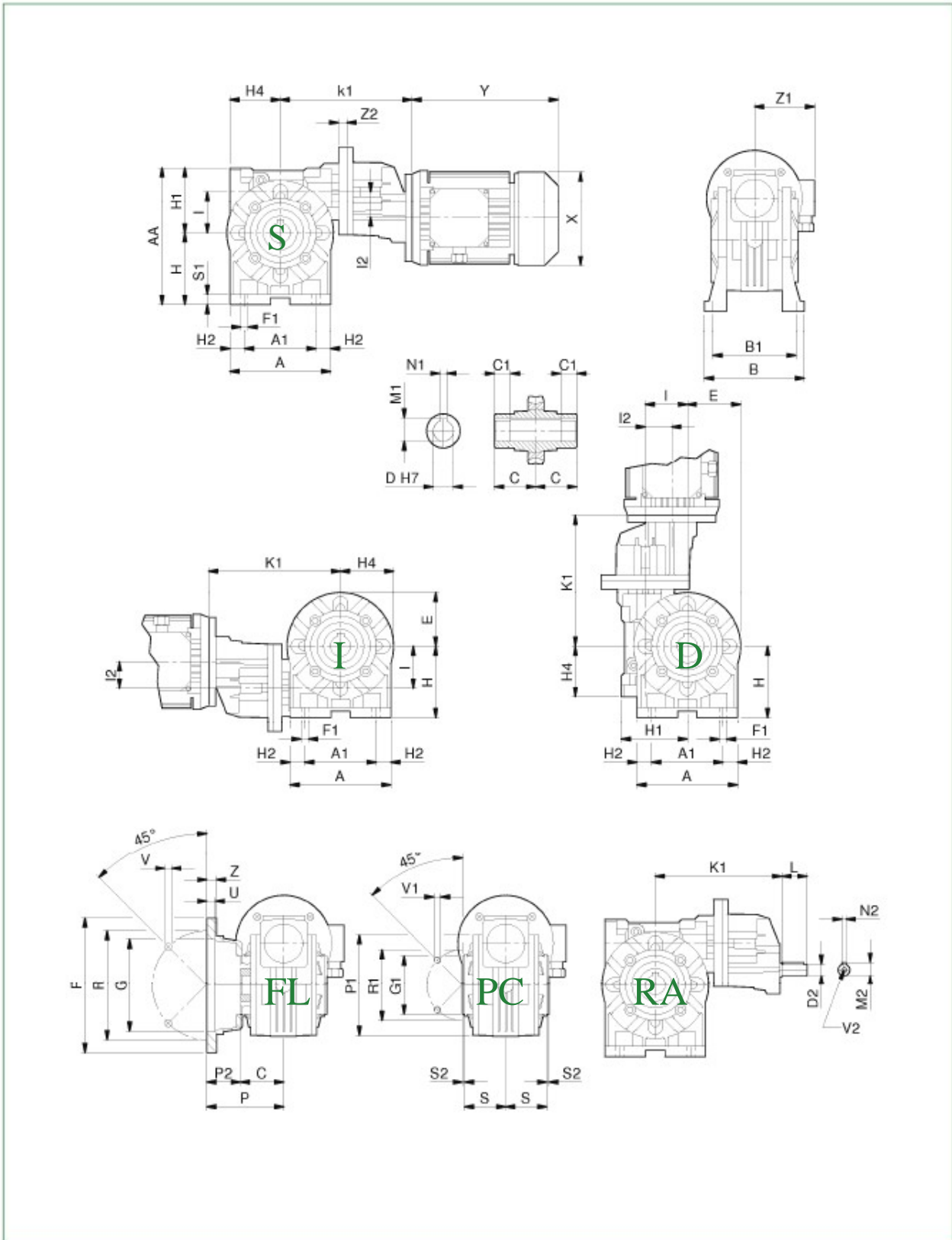
Reductoare cilindro-melcate RA - TA

$i_1 = 8$	$i = i_1 \times i_2$	56	80	120	160	224	320	392	448	560	640	800	
	min ⁻¹	25	18	12	9	6	4	3.5	3	2.5	2.2	1.75	
	i_2	7	10	15	20	28	40	49	56	70	80	100	
63/40	kW	0.32	0.23	0.16	0.11	0.11	0.08	0.06	0.05	0.03	0.03	0.02	
	Nm	93	89	84	72	85	75	69	59	45	38	27	
	eff.	0.75	0.72	0.65	0.59	0.50	0.44	0.41	0.38	0.36	0.34	0.31	
63/50	kW	0.58	0.41	0.28	0.20	0.18	0.13	0.10	0.09	0.06	0.05	0.03	
	71/50	Nm	170	165	154	130	150	130	120	115	86	73	53
		eff.	0.77	0.73	0.67	0.61	0.55	0.47	0.45	0.41	0.36	0.37	0.31
63/60	kW	0.87	0.68	0.49	0.34	0.31	0.21	0.16	0.15	0.10	0.08	0.05	
	71/60	Nm	260	280	275	240	270	235	220	200	155	125	92
		80/60	eff.	0.78	0.75	0.69	0.65	0.57	0.51	0.50	0.43	0.41	0.37
71/70	kW	1.26	0.88	0.63	0.44	0.48	0.28	0.24	0.20	0.16	0.12	0.05	
	80/70	Nm	380	365	360	325	440	320	320	275	245	200	145
		eff.	0.79	0.76	0.70	0.67	0.60	0.53	0.50	0.45	0.41	0.38	0.35
71/85	kW	1.76	1.42	1.07	0.85	0.65	0.48	0.40	0.33	0.26	0.20	0.13	
	80/85	Nm	530	595	620	620	600	560	550	510	450	360	260
		eff.	0.79	0.77	0.71	0.67	0.60	0.54	0.52	0.50	0.45	0.41	0.37
80/110	kW	3.42	2.75	1.97	1.52	1.29	0.97	0.73	0.64	0.52	0.43	0.27	
	100/110	Nm	1045	1170	1180	1160	1200	1180	1020	980	920	850	550
		eff.	0.80	0.78	0.73	0.70	0.61	0.56	0.52	0.50	0.46	0.45	0.38
RA	kW	3.3	3.0	3.2	2.3	1.8	1.2	1.1	0.9	0.7	0.7	0.5	
	100/ 130	Nm	1000	1240	1840	1765	1760	1700	1660	1600	1435	1330	1160
		eff.	0.80	0.78	0.73	0.72	0.62	0.58	0.56	0.54	0.51	0.45	0.43
RA	kW	3.7	3.4	3.6	3.4	2.7	2.0	1.7	1.4	1.1	1.0	0.8	
	100/ 150	Nm	1130	1425	2150	2580	2675	2860	2550	2490	2110	1970	1855
		eff.	0.81	0.79	0.75	0.72	0.63	0.61	0.56	0.57	0.49	0.46	0.45

Reductoare Seria RS și RT

Dimensiuni

Reductoare cilindro-melcate RA



Reductoare Seria RS și RT

Reductoare cilindro-melcate RA

Dimensiuni

RA	63/40	63/50	63/60	71/50	71/60	71/70	71/85	80/60	80/70	80/85	80/110	100/110	100/130	100/150
A ₁	70	85	95	85	95	120	140	95	120	140	200	250	235	260
AA	138	163	192	163	192	221	252	192	221	252	342	200	400	454
B	102	119	136	119	136	140	168	136	140	168	200	333	230	250
B ₁	84	99	111	99	111	116	140	111	116	140	162	200	190	210
C	41	49	60	49	60	60	61	60	60	61	77,5	162	90	105
C ₁	26	30,5	39	30,5	39	37,5	38,5	39	37,5	38,5	52,5	52,5	85	
D	19	24	25	24	25	28	32	25	28	32	42	77,5	48	55
D*	18	25	---	25	---	30	35	---	30	35	---	42	---	---
D ₂	11	11	11	14	14	14	14	19	19	19	19	---	19	19
E	50	61	70	61	70	80	98	70	80	98	125	24	143	168
F	140	160	180	160	180	200	200	180	200	200	250	125	300	350
F ₁	7	9	11	9	11	11	13	11	11	13	14	250	15	19
G	95	110	115	110	115	130	130	115	130	130	180	14	230	250
G ₁	60	70	70	70	70	80	110	70	80	110	130	180	180	180
H	71	85	100	85	100	115	135	100	115	135	172	130	200	230
H ₁	67	78	92	78	92	106	117	92	106	117	170	172	200	224
H ₂	15	17,5	21,5	17,5	21,5	19	26,5	21,5	19	26,5	25	161	25,5	38
H ₄	50	60	72	60	72	86	103	72	86	103	142	25	159	189
I	40	50	60	50	60	70	85	60	70	85	110	139	130	150
I ₁	32	32	32	40	40	40	40	50	50	50	50	110	75	75
K	153,	171	177	173	183	209	224	207	232,	250,	264,	63	290	316
				178*	188*	214*	229*					328	300*	326*
L	23	23	23	30	30	30	30	40	40	40	40	50	40	40
M ₁	21,8	27,3	28,3	27,3	28,3	31,3	35,3	28,3	31,3	35,3	45,3	45,3	51,8	59,3
M ₂	12,5	12,5	12,5	16	16	16	16	22,5	22,5	22,5	22,5	27	22,5	22,5
N ₁	6	8	8	8	8	8	10	8	8	10	12	12	14	16
N ₂	4	4	4	5	5	5	5	6	6	6	6	8	6	6
P	82	91,5	116	91,5	116	111	100	116	111	100	150	150	150	160
P ₁	94	100	102	100	102	118	150	102	118	150	200	200	234	250
P ₂	41	42,5	56	42,5	56	51	39	56	51	39	72,5	72,5	60	55
R	115	130	150	130	150	165	165	150	165	165	215	215	265	300
R ₁	83	85	85	85	85	100	130	85	100	130	165	165	215	215
S	38	49	57,5	49	57,5	57	56,5	57,5	57	56,5	74,5	74,5	87	102
S ₁	9	12	12	12	12	14	15	12	14	15	17	17	19	20
S ₂	2	2,5	2,5	2,5	2,5	3	3	2,5	3	3	2,5	2,5	5	5
U	6	10	10	10	10	12	6	10	12	6	5	5	5	6
V	9 (4)	9 (4)	11 (4)	9 (4)	11 (4)	13 (4)	13 (4)	11 (4)	13 (4)	13 (4)	15 (8)	15 (8)	15 (8)	19 (8)
V ₁	M6x9 (4)	M8x12 (4)	M8x15 (8)	M8x12 (4)	M8x15 (8)	M8x18 (8)	M10x2 (8)	M8x15 (8)	M8x18 (8)	M10x2 (8)	M12x2 (8)	M12x2 (8)	M12x2 (8)	M14x3 (8)
V ₂	M4x10	M4x10	M4x10	M6x15	M6x15	M6x15	M6x15	M8x20	M8x20	M8x20	M8x20	M8x20	M8x20	M8x20
Y ₁	105	105	105	120	120	120	120	140	140	140	140	140	200	200
Z	10	10	11	10	11	14	14	11	14	14	16	16	18	20

D* - Alezaje la cerere

 V₁ - 90° pentru RS28

(*) - IEC71-B14 (FRA 71/....) - IEC100-B5 (FRA130) - IEC100-B5 (FRA150)

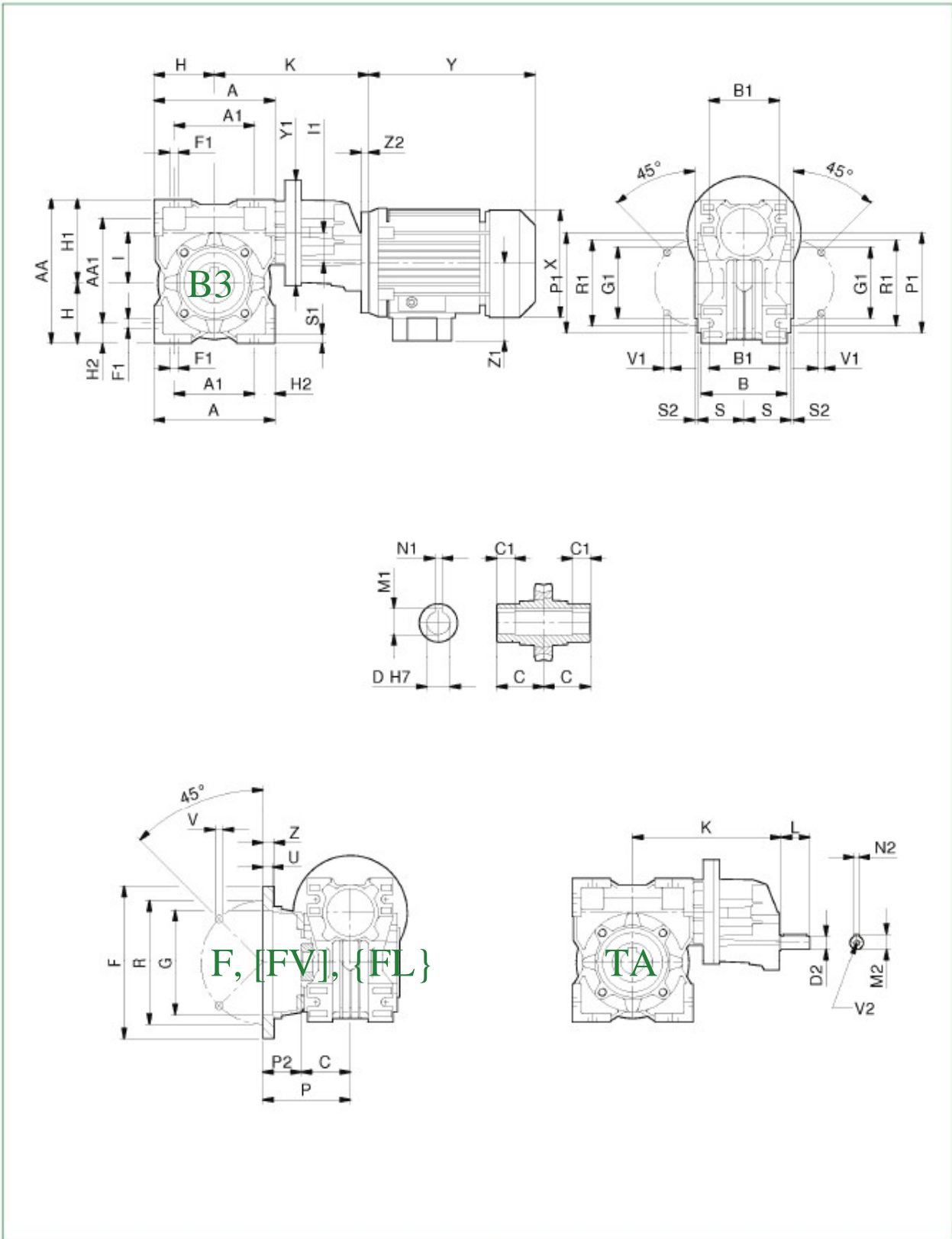
Dimensiuni motor pagina 25

Dimensiunile nu sunt obligatorii

Reductoare Seria RS și RT

Dimensiuni

Reductoare cilindro-melcate TA



Reductoare Seria RS și RT

Reductoare cilindro-melcate TA

Dimensiuni

TA	63/40	63/50	63/60	71/50	71/60	71/70	71/85	80/60	80/70	80/85	80/110	100/110
A	100	120	144	120	144	172	206	144	172	206	255	255
A ₁	70	80	100	80	100	120	140	100	120	140	170	170
AA	121,5	144	174	144	174	205	238	174	205	238	295	295
AA ₁	91,5	104	130	104	130	153	172	130	153	172	210	210
B	71	85	100	85	100	112	130	100	112	130	144	144
B ₁	60	70	85	70	85	90	100	85	90	100	115	115
C	41	49	60	49	60	60	61	60	60	61	77,5	77,5
C ₁	26	30,5	39	30,5	39	37,5	38,5	39	37,5	38,5	52,5	52,5
D ^(H7)	19	24	25	24	25	28	32	25	28	32	42	42
D*	18	25	---	25	---	30	35	---	30	35	---	---
D ₄ ^(H6)	11	11	11	14	14	14	14	19	19	19	19	24
F	110	125	180	125	180	200	210	180	200	210	270	270
F ₁	7	9	9	9	9	11	13	9	11	13	15	15
G ^(H8)	60 {60}	70 [110]	115	70 [110]	115	130	152	115	130	152	170	170
G ₁ ^(H8)	60	70	80	70	80	95	110	80	95	110	130	130
H	50	60	72	60	72	86	103	72	86	103	127,5	127,5
H ₁	71,5	84	102	84	102	119	135	102	119	135	167,5	167,5
H ₂	15	20	22	20	22	26	33	22	26	33	42,5	42,5
I	40	50	60	50	60	70	85	60	70	85	110	110
I ₁	32	32	32	40	40	40	40	50	50	50	50	50
K	153,5	171	177	173-	183	209-	224	207	232,5	250,5	264,5	328
L	23	23	23	30	30	30	30	40	40	40	40	50
M ₁	21,8	27,3	28,3	27,3	28,3	31,3	35,3	28,3	31,3	35,3	45,3	45,3
M ₂	12,5	12,5	12,5	16	16	16	16	22,5	22,5	22,5	22,5	27
N ₁	6	8	8	8	8	8	10	8	8	10	12	12
N ₄	4	4	4	5	5	5	5	6	6	6	6	8
P	69 {99}	93	86 {116}	93	86 {116}	111	111	86 {116}	111	111	131	131
P ₁	---	{123}	---	{123}	---	---	---	---	---	---	---	---
P ₂	86	100	110	100	110	130	160	110	130	160	200	200
P ₂	28 {58}	44	25 {56}	44	25 {56}	51	50	25 {56}	51	50	53,5	53,5
P ₂	---	{74}	---	{74}	---	---	---	{56}	---	---	---	---
R	87	90	150,5	90 [130]	150,5	165	175	150,5	165	175	230	230
R ₁	75	85	95	85	95	115	130	95	115	130	165	165
S	38,5	46,5	57	46,5	57	57	67	57	57	67	74	74
S ₁	7	8	10	8	10	11	14	10	11	14	13	13
S ₂	2,5	3	3	3	3	3	3	3	3	3	3,5	3,5
U	4 {4}	5 [11] {5}	6,5 {6,5}	5 [11] {5}	6,5 {6,5}	12	6	6,5 {6,5}	12	6	5	5
V	9 {9}	10,5 {9}	11	10,5 {9}	11	13	13	11	13	13	14	14
V ₁	M6x8 (4)	M8x10 (4)	M8x16 (8)	M8x10 (4)	M8x16 (8)	M8x16 (8)	M10x18	M8x16 (8)	M8x16 (8)	M10x18 (8)	M10x21 (8)	M10x21 (8)
V ₃	M4 x 10	M4 x 10	M4 x 10	M6 x 15	M6 x 15	M6 x 15	M6 x 15	M8 x 20	M8 x 20	M8 x 20	M8 x 20	M8 x 20
Y ₁	105	105	105	120	120	120	120	140	140	140	140	140
Z	6 {8}	10 [13] {10}	10 {10}	10 [13] {10}	10 {10}	14	16	10 {10}	14	16	18	18
Z ₂	13	13	13	13	13	13	13	14	14	14	14	14 - 15

D* - Alezaje la cerere

 V₁ - 90° pentru RT28

(*) - IEC71-B14 (FTA 71/....)

Dimensiuni motor pagina 25

Dimensiunile nu sunt obligatorii