

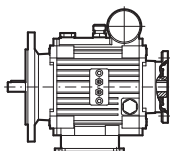
K2 71B5-71B14

Variator size K2 Variatore tipo K2

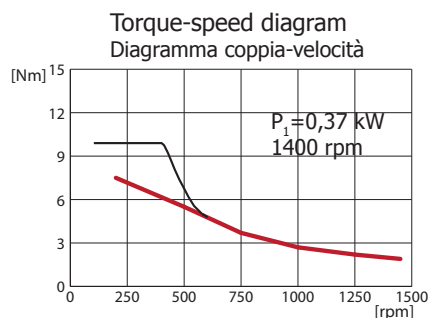
Input/Entrata	71 B5	71 B14
Output/Uscita	71 B5	-

Oil q.ty/Q.tà olio: 0,5 lt. for B3 (other positions: 0,7 lt)

Weight/Peso	Kg	lbs
Without motor/Senza motore	9.4	20.7
With motor/Con motore 0.37 kW	15.6	34.4



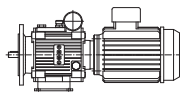
For dimensions, see pag.18/Per le dimensioni, vedi pag.18



— Torque available for continuous duty
Coppia nominale per funzionamento continuo

— Starting torque for very intermittent use, as motor is loaded with 200% Ampere. Warning: not to burn the motor.
Coppia di spunto per uso intermittente, il motore assorbe il 200% degli Ampere. Attenzione a non bruciare il motore.

Moto-variator Moto-variatore



Speed range	P ₁	n ₁	M ₂	M _{st}	n _{2min}	P ₂	Atex Category	Input Flange Flangia ingr.		Output flange Flangia uscita			Weight/Peso	Dimens.
[rpm]	[kW]	[rpm]	[Nm]	[Nm]	[rpm]	[kW]		71 B5	71 B14	71 B5	80B5	80B14	kg/lbs	Pag.
0-1430	0.37	1400	1.9	10	60	0.27	2/3	✓	✓	✓	✓	✓	15.6/34.4	18
0-1430	0.55	1400	2.8	10	60	0.40		✓	✓	✓	✓	✓	16.7/36.8	
0-900	0.25	900	1.9	10	60	0.18		✓	✓	✓	✓	✓	15.9/35.0	
0-900	0.37	900	2.9	10	60	0.27		✓	✓	✓	✓	✓	16.6/36.6	

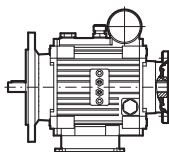
K2 80B5-80B14

Variator size K2 Variatore tipo K2

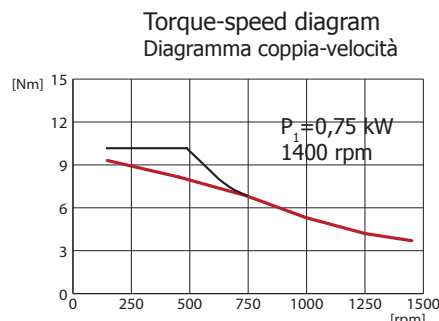
Input/Entrata	80 B5	80 B14
Output/Uscita	80 B5	80 B14

Oil q.ty/Q.tà olio: 0,5 lt. for B3 (other positions: 0,7 lt)

Weight/Peso	Kg	lbs
Without motor/Senza motore	10	22
With motor/Con motore 0.75 kW	21	46



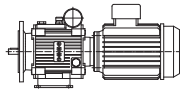
For dimensions, see pag.20/Per le dimensioni, vedi pag.20



— Torque available for continuous duty
Coppia nominale per funzionamento continuo

— Starting torque for very intermittent use, as motor is loaded with 200% Ampere. Warning not to burn the motor.
Coppia di spunto per uso intermittente, il motore assorbe il 200% degli Ampere. Attenzione a non bruciare il motore.

Moto-variator Moto-variatore



Speed range	P ₁	n ₁	M ₂	M _{st}	n _{2min}	P ₂	Atex Category	Input Flange Flangia ingr.		Output flange Flangia uscita			Weight/Peso	Dimens.
[rpm]	[kW]	[rpm]	[Nm]	[Nm]	[rpm]	[kW]		80B5	80B14	71B5	80 B5	80 B14	kg/lbs	Pag.
0-1430	0.55	1400	2.8	10	60	0.40	2/3	✓	✓	✓	✓	✓	19.0/41.9	20
0-1430	0.75	1400	3.7	10	60	0.55		✓	✓	✓	✓	✓	21.0/46.3	
0-900	0.37	900	2.9	10	60	0.27		✓	✓	✓	✓	✓	17.2/37.9	
0-900	0.55	900	4.1	10	60	0.40		✓	✓	✓	✓	✓	19.9/43.9	

P₁ = motor power/potenza motore; n₁ = motor speed/velocità motore;

M₂ = variator output torque at max speed/coppia uscita variatore alla max velocità

M_{st} = variator output starting torque/coppia spunto uscita variatore; n_{2min} = minimum speed with stable torque/velocità minima con coppia stabile;

P₂ = variator output power/potenza uscita variatore.

Variator: **K2**Input: **71 B5 or 71 B14**Oil q.ty/Q.tà olio: 0,5 lt. for B3
(other positions: 0,7 lt)

Input flange/flange entrata

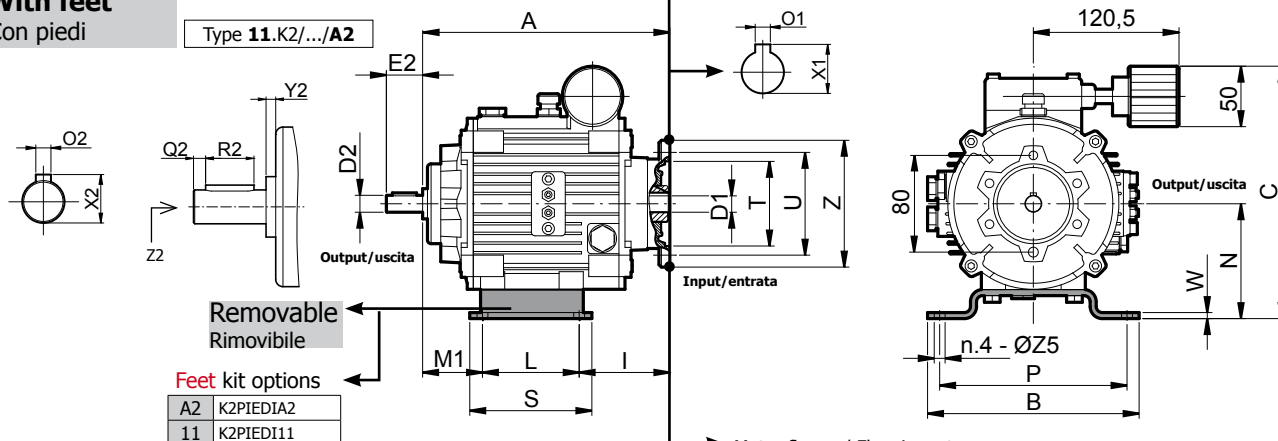
Type	Kit code
71 B5	K2KITENT71B5
71 B14	K2KITENT71B14

Weight	9.4 kg
Peso	20.7 lbs

With feet

Con piedi

Type 11.K2/.../A2

Removable
Rimovibile

Feet kit options

A2	K2PIEDIA2
11	K2PIEDI11

Ø shaft: output solid, input hollow/Ø albero: uscita cilindrico, entrata cavo

Output/Uscita	D2	E2	O2	X2	Q2	R2	Y2	Z2
Standard	Ø14 j6	30	5	16	5	20	4	M5x10
On request	Ø19 j6	40	6	21.5	4	30	4	M6x16
On request	Ø22 j6	40	6	24.5	4	30	4	M6x16
Input/Entrata	D1	-	O1	X1	-	-	-	-
Standard	Ø14 F7	-	5	16.3	-	-	-	-
On request	Ø19 F7	-	6	21.8	-	-	-	-

Motor flange / Flangia motore

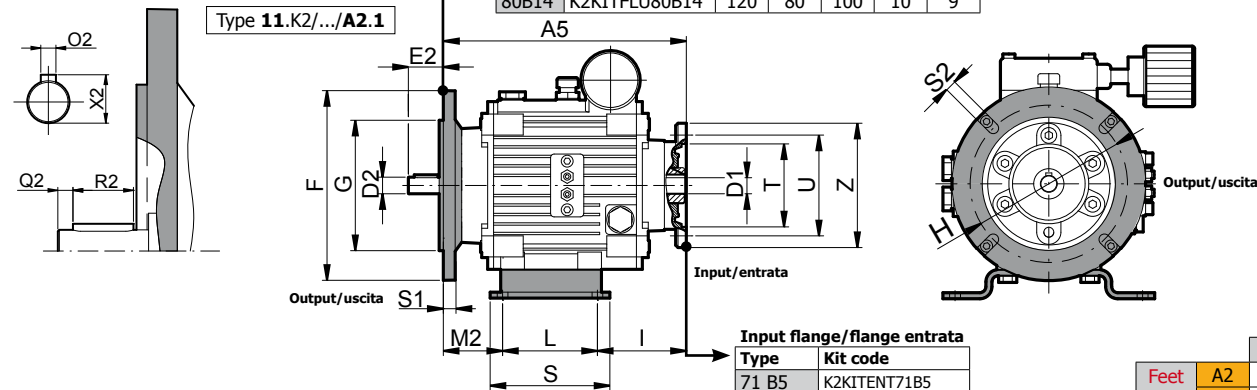
	71 B14	71 B5
T	U	Z
70	85	105
110	130	160

		A	B	C	I	L	M1	N	P	S	W	ØZ5
Feet Piedi	A2	205	165	197	93.8	68	43.2	83	145	90	5	9
	11	205	175	209	75	80	50	95	155	101	5	9

With output flange and feet
Con flangia uscita e piedi

Output flanges/Flange uscita

Type	Kit code	F	G	H	S1	S2
71B5	K2KITFLU71B5	160	110	130	10	9
80B5	K2KITFLU80B5	200	130	165	11	11
80B14	K2KITFLU80B14	120	80	100	10	9



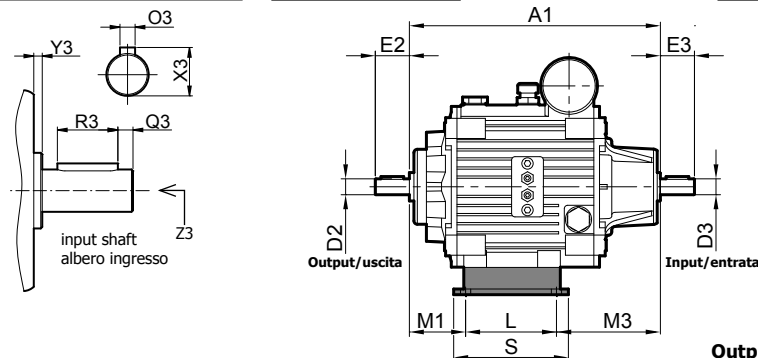
Input flange/flange entrata

Type	Kit code
71 B5	K2KITENT71B5
71 B14	K2KITENT71B14

		A5	M2
Feet	A2	205	43.2
Piedi	11	205	50

Solid input shaft
Albero maschio ingresso

Type 10.K2/.../A2

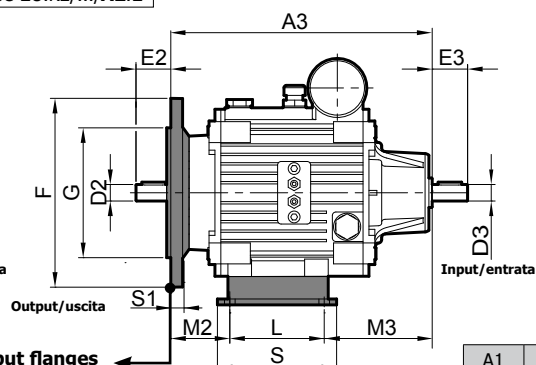


Ø solid input shaft / Ø albero ingresso maschio

Input/Entrata	D3	E3	O3	X3	Q3	R3	Y3	Z3
Standard	Ø19 j6	40	6	21.5	4	30	2.8	M6x16
On request	Ø14 j6	30	5	16	5	20	2.8	M5x10
On request	Ø22 j6	40	6	24.5	4	30	2.8	M6x16

With Output Flange
Con Flangia Uscita

Type 10.K2/.../A2.1

Output flanges
Flange uscita

Type	Kit code
71B5	K2KITFLU71B5
80B5	K2KITFLU80B5
80B14	K2KITFLU80B14



A1	A3
221.5	221.5

		M1	M2	M3
Feet	A2	43.2	43.2	110.3
Piedi	11	50	50	91.5

0.37 kW

DIMENSIONI / DIMENSIONS

K2 71B5-71B14

Without feet

Senza piedi

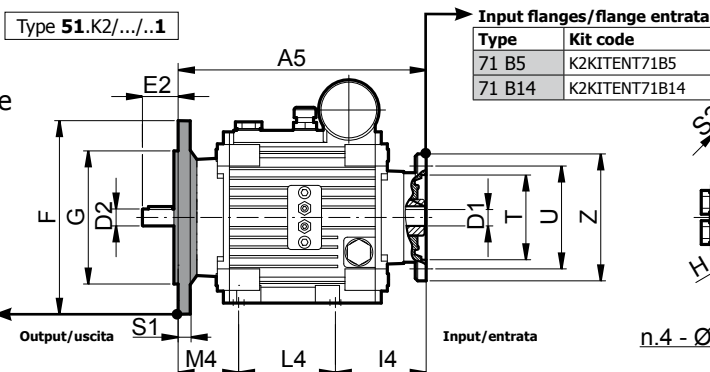
Type 51.K2/.../...1

With **Output Flange**
Con Flangia **Uscita**

Output flanges/Flange uscita

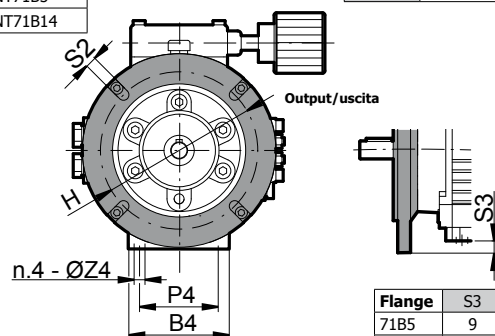
Type	Kit code
71B5	K2KITFLU71B5
80B5	K2KITFLU80B5
80B14	K2KITFLU80B14

For dimensions, see page 18
Per dimensioni, vedi pag.18



Type	Kit code
71 B5	K2KITENT71B5
71 B14	K2KITENT71B14

Weight	9.0 kg
Peso	19.8 lbs

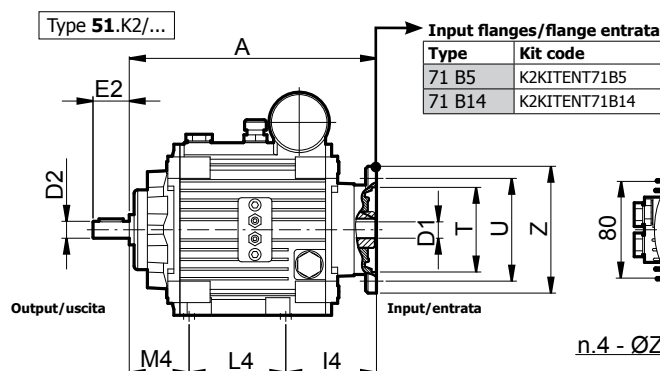


Flange	S3
71B5	9
80B5	29
80B14	-

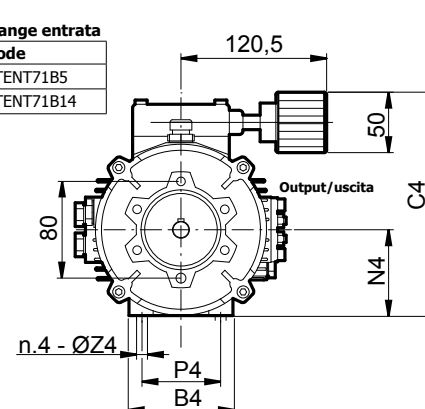
A	A5	B4	C4	I4	L4	M4	N4	P4	ØZ4
205	205	85.65	184.8	81.6	65	58.4	71	68	M8x15

Without **Output Flange**,
without feet
Senza Flangia **Uscita**,
senza piedi

Type 51.K2/...

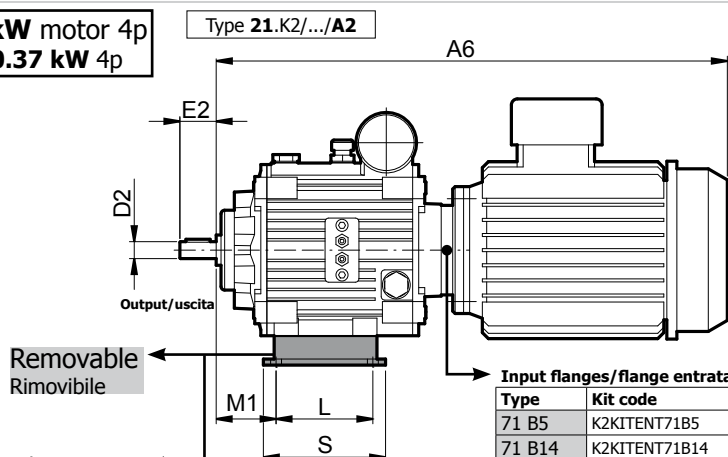


Type	Kit code
71 B5	K2KITENT71B5
71 B14	K2KITENT71B14



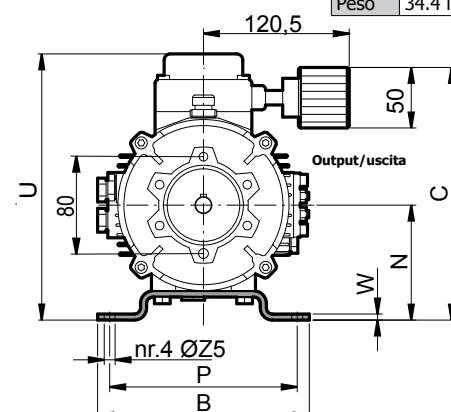
With **0.37 kW** motor 4p
Con motore **0.37 kW** 4p

Type 21.K2/.../A2



Type	Kit code
71 B5	K2KITENT71B5
71 B14	K2KITENT71B14

Weight	15.6 kg
Peso	34.4 lbs



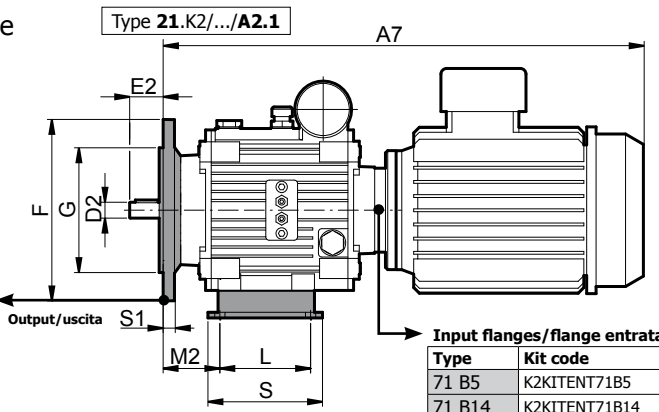
Removable
Rimovibile

Feet kit options

A2	K2PIEDIA2
11	K2PIEDI11

With **Output Flange**
Con Flangia **Uscita**

Type 21.K2/.../A2.1



Type	Kit code
71 B5	K2KITENT71B5
71 B14	K2KITENT71B14

Output flanges/Flange uscita

Type	Kit code
71B5	K2KITFLU71B5
80B5	K2KITFLU80B5
80B14	K2KITFLU80B14

For dimensions, see page 18
Per dimensioni, vedi pag.18

		A6	A7	U
Feet	A2	418	418	202
Piedi	11	418	418	214

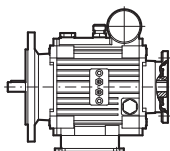
K2 71B5-71B14

Variator size K2 Variatore tipo K2

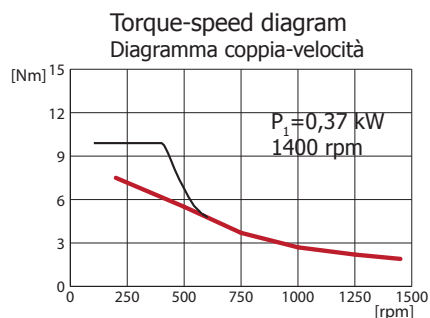
Input/Entrata	71 B5	71 B14
Output/Uscita	71 B5	-

Oil q.ty/Q.tà olio: 0,5 lt. for B3 (other positions: 0,7 lt)

Weight/Peso	Kg	lbs
Without motor/Senza motore	9.4	20.7
With motor/Con motore 0.37 kW	15.6	34.4



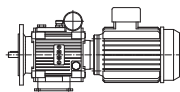
For dimensions, see pag.18/Per le dimensioni, vedi pag.18



— Torque available for continuous duty
Coppia nominale per funzionamento continuo

— Starting torque for very intermittent use, as motor is loaded with 200% Ampere. Warning: not to burn the motor.
Coppia di spunto per uso intermittente, il motore assorbe il 200% degli Ampere. Attenzione a non bruciare il motore.

Moto-variator Moto-variatore



Speed range	P ₁	n ₁	M ₂	M _{st}	n _{2min}	P ₂	Atex Category	Input Flange Flangia ingr.		Output flange Flangia uscita			Weight/Peso	Dimens.
[rpm]	[kW]	[rpm]	[Nm]	[Nm]	[rpm]	[kW]		71 B5	71 B14	71 B5	80B5	80B14	kg/lbs	Pag.
0-1430	0.37	1400	1.9	10	60	0.27	2/3	✓	✓	✓	✓	✓	15.6/34.4	18
0-1430	0.55	1400	2.8	10	60	0.40		✓	✓	✓	✓	✓	16.7/36.8	
0-900	0.25	900	1.9	10	60	0.18		✓	✓	✓	✓	✓	15.9/35.0	
0-900	0.37	900	2.9	10	60	0.27		✓	✓	✓	✓	✓	16.6/36.6	

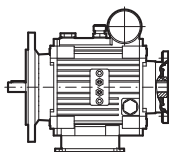
K2 80B5-80B14

Variator size K2 Variatore tipo K2

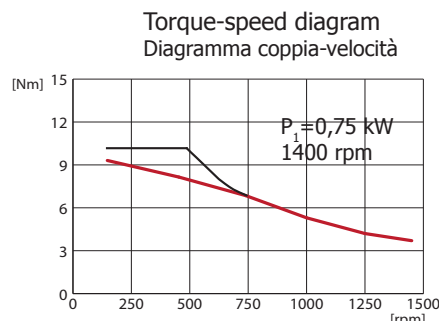
Input/Entrata	80 B5	80 B14
Output/Uscita	80 B5	80 B14

Oil q.ty/Q.tà olio: 0,5 lt. for B3 (other positions: 0,7 lt)

Weight/Peso	Kg	lbs
Without motor/Senza motore	10	22
With motor/Con motore 0.75 kW	21	46



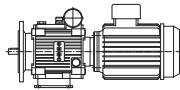
For dimensions, see pag.20/Per le dimensioni, vedi pag.20



— Torque available for continuous duty
Coppia nominale per funzionamento continuo

— Starting torque for very intermittent use, as motor is loaded with 200% Ampere. Warning: not to burn the motor.
Coppia di spunto per uso intermittente, il motore assorbe il 200% degli Ampere. Attenzione a non bruciare il motore.

Moto-variator Moto-variatore



Speed range	P ₁	n ₁	M ₂	M _{st}	n _{2min}	P ₂	Atex Category	Input Flange Flangia ingr.		Output flange Flangia uscita			Weight/Peso	Dimens.
[rpm]	[kW]	[rpm]	[Nm]	[Nm]	[rpm]	[kW]		80B5	80B14	71B5	80 B5	80 B14	kg/lbs	Pag.
0-1430	0.55	1400	2.8	10	60	0.40	2/3	✓	✓	✓	✓	✓	19.0/41.9	20
0-1430	0.75	1400	3.7	10	60	0.55		✓	✓	✓	✓	✓	21.0/46.3	
0-900	0.37	900	2.9	10	60	0.27		✓	✓	✓	✓	✓	17.2/37.9	
0-900	0.55	900	4.1	10	60	0.40		✓	✓	✓	✓	✓	19.9/43.9	

P₁ = motor power/potenza motore; n₁ = motor speed/velocità motore;

M₂ = variator output torque at max speed/coppia uscita variatore alla max velocità

M_{st} = variator output starting torque/coppia spunto uscita variatore; n_{2min} = minimum speed with stable torque/velocità minima con coppia stabile;

P₂ = variator output power/potenza uscita variatore.

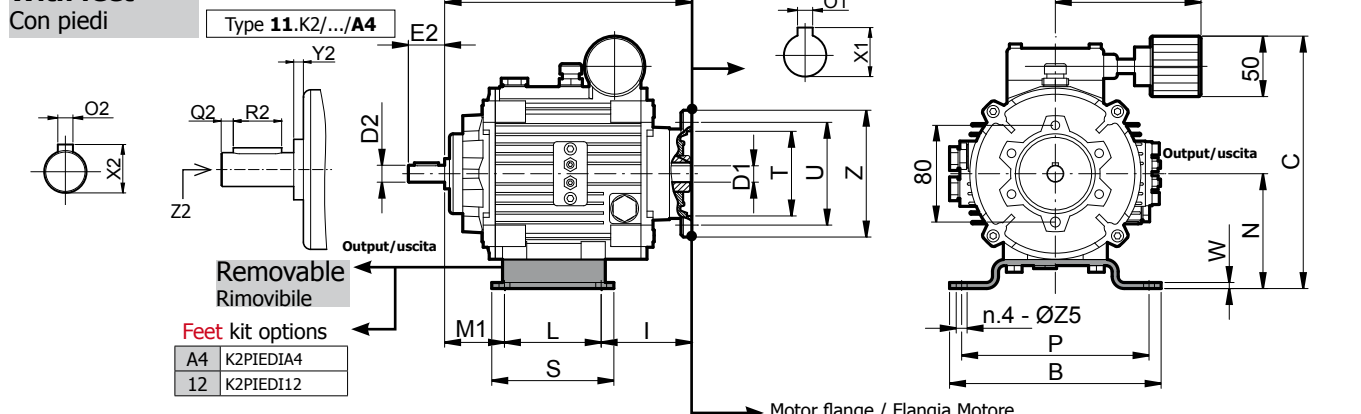
Variator: **K2**

Input: **80 B5 or 80 B14**

Oil q.ty/Q.tà olio: 0,5 lt. for B3
(other positions: 0,7 lt)

With feet

Con piedi



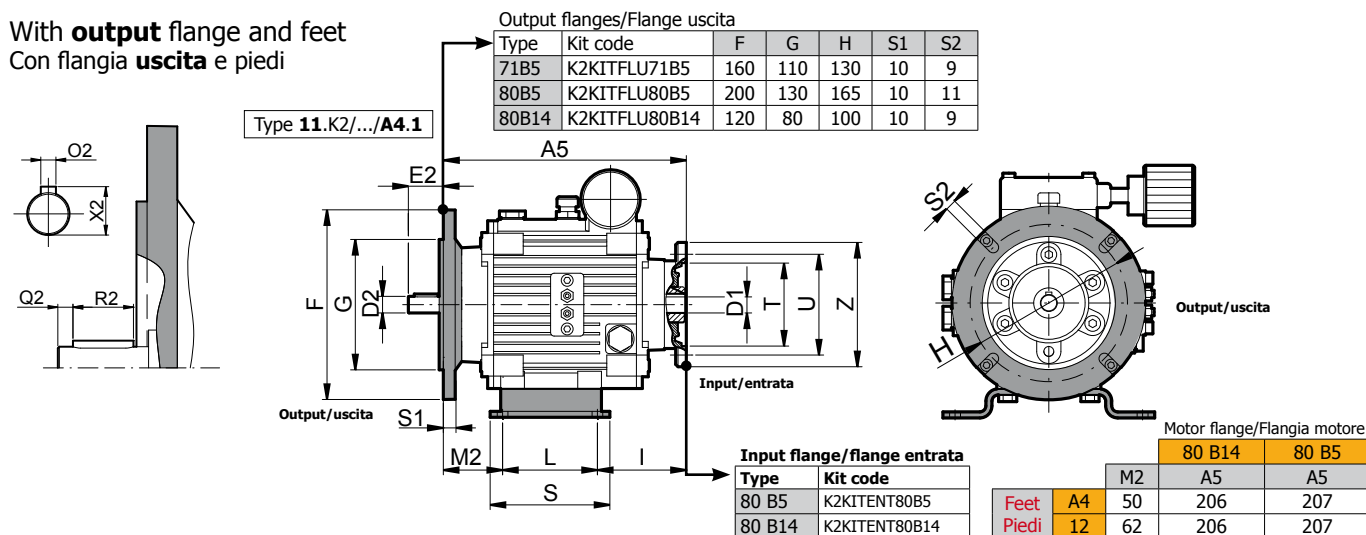
Ø shaft: output solid, input hollow/Ø albero: uscita cilindrico, entrata cavo

Output/Uscita	D2	E2	O2	X2	Q2	R2	Y2	Z2
Standard	Ø19 j6	40	6	21.5	4	30	4	M6x16
On request	Ø14 j6	30	5	16	5	20	4	M5x10
On request	Ø22 j6	40	6	24.5	4	30	4	M6x16
Input/Entrata	D1	-	O1	X1	-	-	-	-
Standard	Ø19 F7	-	6	21.8	-	-	-	-
On request	Ø14 F7	-	5	16.3	-	-	-	-

Motor flange / Flangia Motore									
80 B14					80 B5				
Feet	A4	I	T	U	Z	A	I	T	U
Piedi	12	246	76	80	100	120	247	77	130
		246	44	80	100	120	247	45	130
Feet	A4	B	C	L	M1	N	P	S	W
Piedi	12	192	215.8	80	50	102	170	111	13
		187	223.8	100	62	110	165	132	13

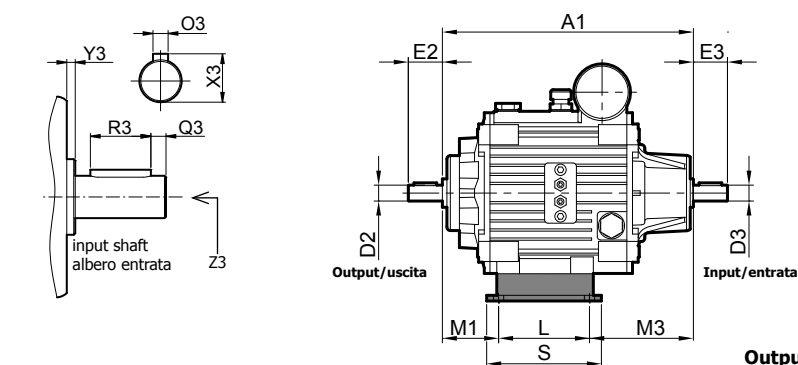
With output flange and feet

Con flangia uscita e piedi



Solid input shaft
Albero maschio ingresso

Type 10.K2/.../A4

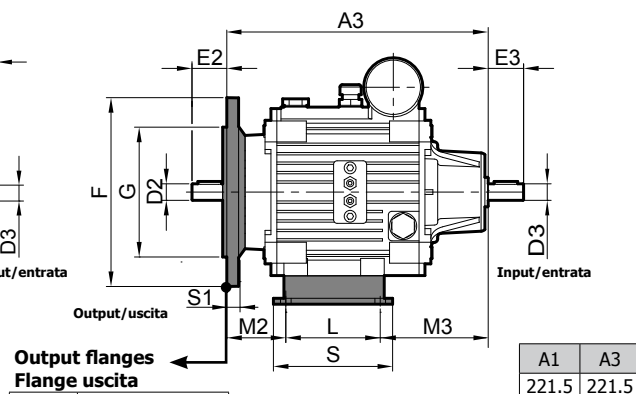


Ø solid input shaft / Ø albero ingresso maschio

Input/Entrata	D3	E3	O3	X3	Q3	R3	Y3	Z3
Standard	Ø19 j6	40	6	21.5	4	30	2.8	M6x16
On request	Ø14 j6	30	5	16	5	20	2.8	M5x10
On request	Ø22 j6	40	6	24.5	4	30	2.8	M6x16

Output Flange
Flangia Uscita

Type 10.K2/.../A4.1



Output flanges
Flange uscita

Type	Kit code
71B5	K2KITFLU71B5
80B5	K2KITFLU80B5
80B14	K2KITFLU80B14

		A1	A3	
		221.5	221.5	
		M1	M2	M3
Feet Piedi	A4	50	50	91.5
	12	62	62	59.5

0.75 kW

DIMENSIONI / DIMENSIONS

K2 80B5-80B14

Without feet

Senza piedi

Type 51.K2/.../...1

With Output Flange

Con Flangia Uscita

Output flanges/Flange uscita

Type	Kit code
71B5	K2KITFLU71B5
80B5	K2KITFLU80B5
80B14	K2KITFLU80B14

For dimensions, see page 20
Per dimensioni, vedi pag.20

Input flange/Flange entrata

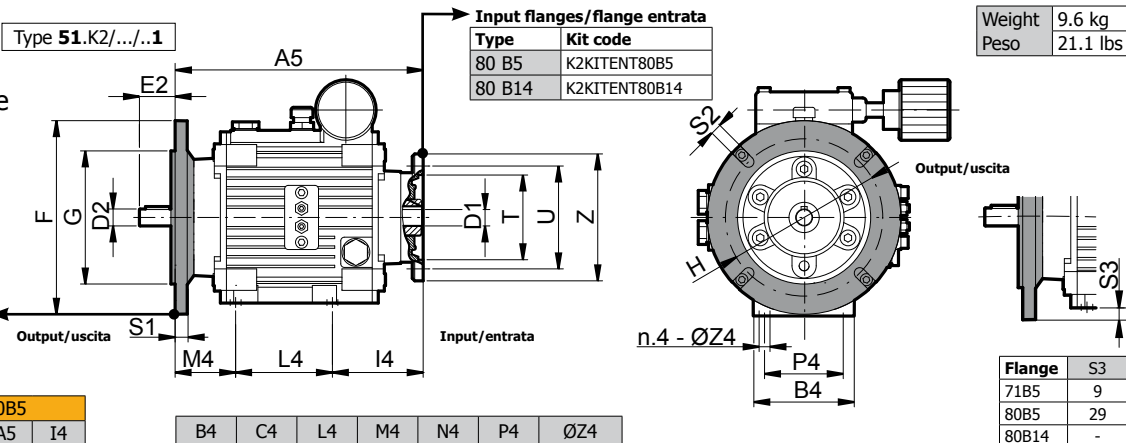
80B14			80B5		
A	A5	I4	A	A5	I4
206	206	82.6	207	206	83.6

B4	C4	L4	M4	N4	P4	ØZ4
85.65	184.8	65	58.4	71	68	M8x15

Input flanges/flange entrata

Type	Kit code
80 B5	K2KITENT80B5
80 B14	K2KITENT80B14

Weight	9.6 kg
Peso	21.1 lbs



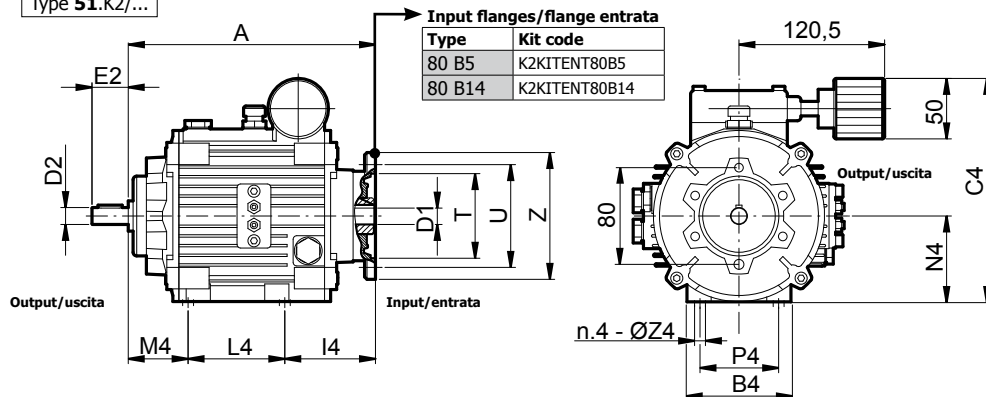
Flange	S3
71B5	9
80B5	29
80B14	-

Without Output Flange, without feet

Senza Flangia Uscita, senza piedi

For the not indicated dimensions, see the previous page
Per le quote non indicate, vedere la pagina precedente

Type 51.K2/...



Input flanges/flange entrata

Type	Kit code
80 B5	K2KITENT80B5
80 B14	K2KITENT80B14

With 0.75 kW motor 4p

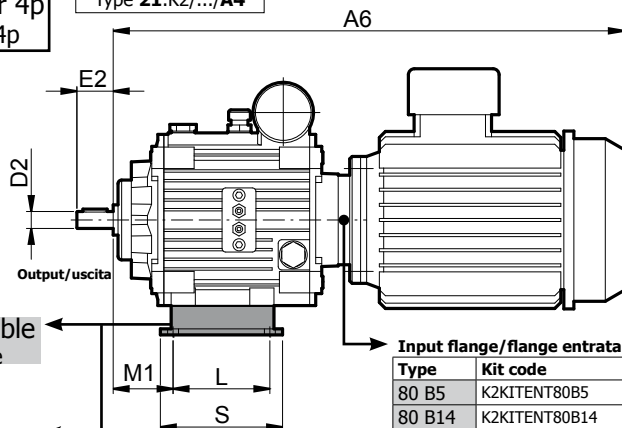
Con motore 0.75 kW 4p

Type 21.K2/.../A4

Removable
Rimovibile

Feet kit options

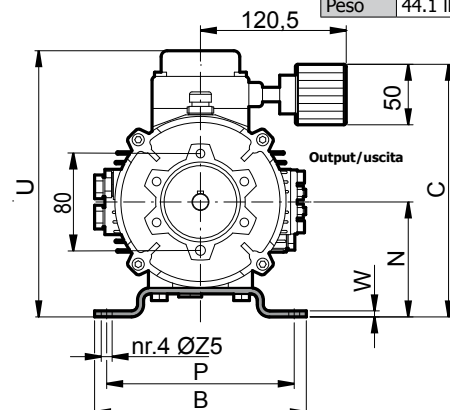
A4	K2PIEDIA4
12	K2PIEDI12



Input flange/flange entrata

Type	Kit code
80 B5	K2KITENT80B5
80 B14	K2KITENT80B14

Weight	20.0 kg
Peso	44.1 lbs



With Output Flange

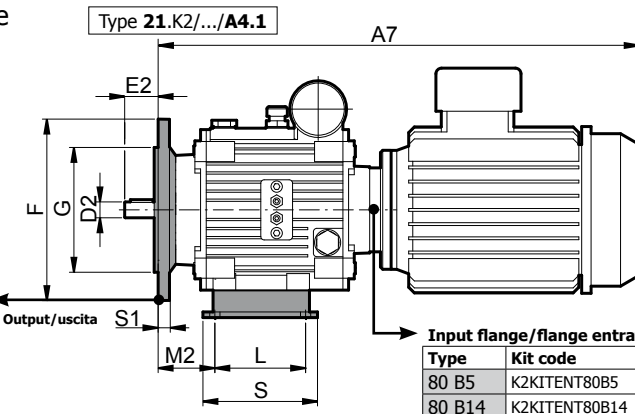
Con Flangia Uscita

Type 21.K2/.../A4.1

Output flanges/Flange uscita

Type	Kit code
71B5	K2KITFLU71B5
80B5	K2KITFLU80B5
80B14	K2KITFLU80B14

For dimensions, see page 20
Per dimensioni, vedi pag.20



Input flange/flange entrata

Type	Kit code
80 B5	K2KITENT80B5
80 B14	K2KITENT80B14

A6	A7
444	444

Feet	A4	12
Piedi	233	241

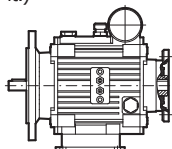
K4 90B5-90B14

Variator size K4 Variatore tipo K4

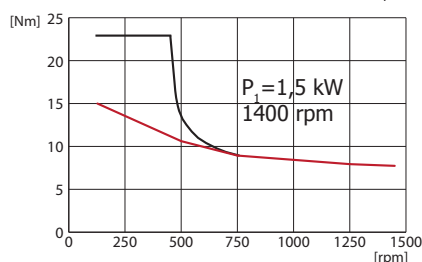
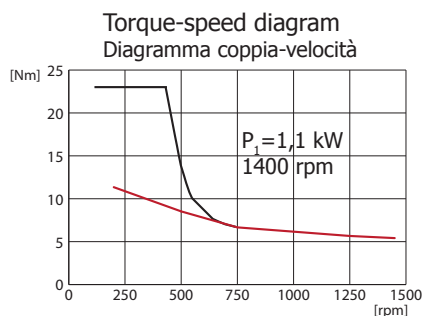
Input/Entrata	90 B5	90 B14	-	
Output/Uscita	90 B5	90 B14	100 B5	100B14

Oil q.ty/Q.tà olio: 1,2 lt. for B3 (other positions: 1,5-1,7 lt.)

Weight/Peso	Kg	lbs
Without motor/Senza motore	21.0	46.3
With motor/Con motore 1.1 kW	33.1	73.0
With motor/Con motore 1.5 kW	35.6	78.5



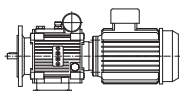
For dimensions, see pag.24/Per le dimensioni, vedi pag.24



— Torque available for continuous duty
Coppia nominale per funzionamento continuo

— Starting torque for very intermittent use, as motor is loaded with 200% Ampere. Warning: not to burn the motor.
Coppia di spunto per uso intermittente, il motore assorbe il 200% degli Ampere. Attenzione a non bruciare il motore

Moto-variator Moto-variatore



Speed range	P ₁	n ₁	M ₂	M _{st}	n _{2min}	P ₂	Atex Category	Input Flange Flangia ingr.		Output flange Flangia uscita				Weight Peso	Dimens.
[rpm]	[kW]	[rpm]	[Nm]	[Nm]	[rpm]	[kW]		90B5	90B14	90B5	90B14	100B5	100B14	kg/lbs	Pag.
0-1430	1.1	1400	5.5	23	50	0.82	2/3	✓	✓	✓	✓	✓	✓	33.1/73.0	24
0-1430	1.5	1400	7.6	23	50	1.12		✓	✓	✓	✓	✓	✓	35.6/78.5	
0-900	0.75	900	5.8	23	50	0.56		✓	✓	✓	✓	✓	✓	32.7/72.1	
0-900	1.1	900	8.5	23	50	0.82		✓	✓	✓	✓	✓	✓	36.1/79.6	

P₁ = motor power/potenza motore; n₁ = motor speed/velocità motore;

M₂ = variator output torque at max speed/coppia uscita variatore alla max velocità

M_{st} = variator output starting torque/coppia spunto uscita variatore; n_{2min} = minimum speed with stable torque/velocità minima con coppia stabile;

P₂ = variator output power/potenza uscita variatore.

K4 90B5-90B14

DIMENSIONI / DIMENSIONS

1.1-1.5 kW

Variator: **K4**

Input: **90 B5 or 90 B14**

Oil q.ty/Q.tà olio: 1,2 lt. for B3
(other positions: 1,5-1,7 lt)

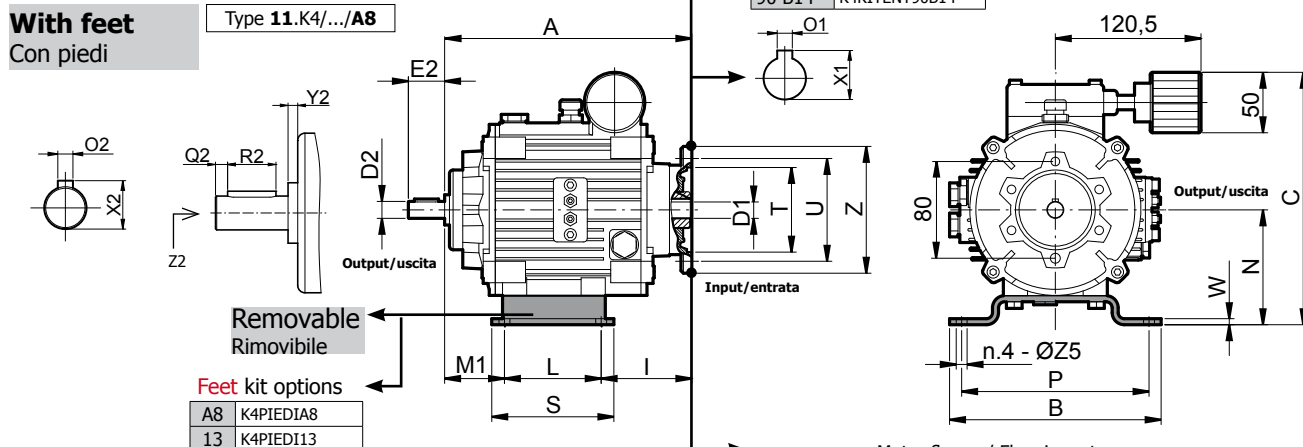
With feet
Con piedi

Type 11.K4/.../A8

Input flange/flange entrata

Type	Kit code
90 B5	K4KITENT90B5
90 B14	K4KITENT90B14

Weight	21.0 kg
Peso	46.3 lbs



Ø shaft: output solid, input hollow/Ø albero: uscita cilindrico, entrata cavo

Output/Uscita	D2	E2	Q2	X2	Q2	R2	Y2	Z2
Standard	Ø24 j6	50	8	27	5	40	4.5	M8x20
On request	Ø28 j6	60	8	31	5	50	4.5	M8x20
Input/Entrata	D1	-	O1	X1	-	-	-	-
Standard	Ø24 F7		8	27.2	-	-	-	-
On request	Ø28 F7		8	31.2	-	-	-	-

Motor flange / Flangia motore

90 B14					90 B5				
A	I	T	U	Z	A	I	T	U	Z
267.2	112.2	95	115	140	269.1	68.7	130	165	200

Feet	A8	13	B	C	L	M1	N	P	S	W	ØZ5
Piedi	232	262	250	285	90	65	105	208	118	5	12

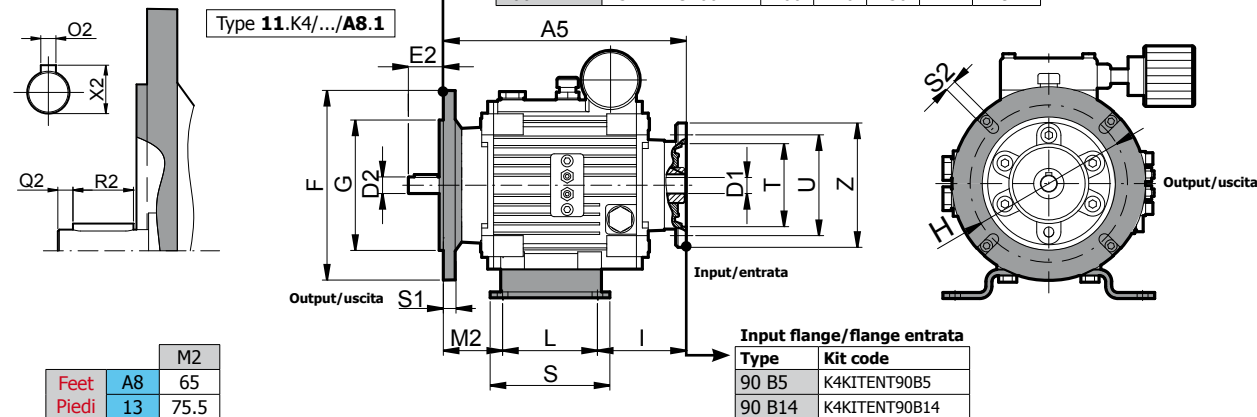
With output flange and feet
Con flangia uscita e piedi

Output flanges/Flange uscita

Type	Kit code	F	G	H	S1	S2
90B5	K4KITFLU90B5	200	130	165	13	11
90B14	K4KITFLU90B5	140	95	115	18	M8x10
100-112B5	K5KITFLU100B5	250	180	215	15.5	14
100B14	K5KITFLU100B14	160	110	130	14	9

Motor flange/Flangia motore

90B14	90B5
A5	A5
267.2	269.2

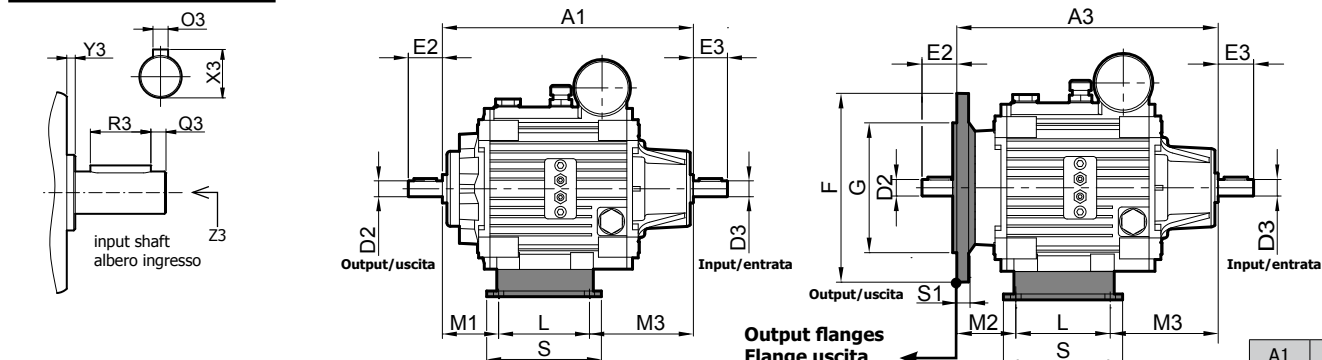


Solid input shaft
Albero maschio ingresso

Type 10.K4/.../A8

Type 10.K4/.../A8.1

With Output Flange
Con Flangia Uscita



Ø solid input shaft / Ø albero ingresso maschio

Input/Entrata	D3	E3	Q3	X3	Q3	R3	Y3	Z3
Standard	Ø24 j6	50	8	27	5	40	4.5	M8x20
On request	Ø22 j6	40	6	24.5	4	30	4	M6x16

Output flanges Flange uscita

Type	Kit code
90B5	K4KITFLU90B5
90B14	K4KITFLU90B14
100B5	K5KITFLU100B5
100B14	K5KITFLU100B14

A1	A3
275.5	275.5

Feet	A8	13	M1	M2	M3
Piedi	65	75.5	65	75.5	77

1.1-1.5 kW

DIMENSIONI / DIMENSIONS

K4 90B5-90B14

Without feet

Senza piedi

Type 51.K4/.../1

With Output Flange

Con Flangia Uscita

Output flanges/Flange uscita

Type	Kit code
90B5	K4KITFLU90B5
90B14	K4KITFLU90B14
100B5	K5KITFLU100B5
100B14	K5KITFLU100B14

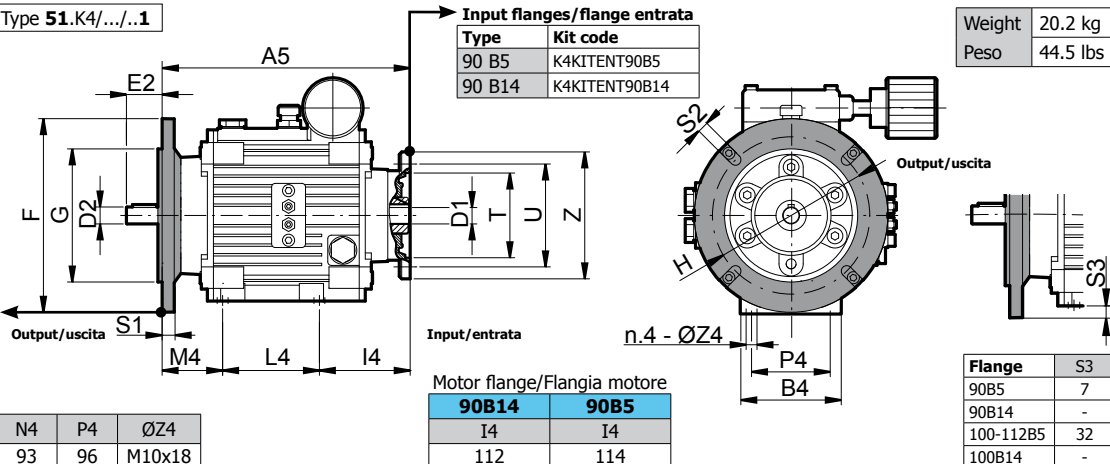
For dimensions, see page 24
Per dimensioni, vedi pag.24

B4	C4	L4	M4	N4	P4	ØZ4
125.6	238	80	75	93	96	M10x18

Input flanges/flange entrata

Type	Kit code
90 B5	K4KITENT90B5
90 B14	K4KITENT90B14

Weight	20.2 kg
Peso	44.5 lbs

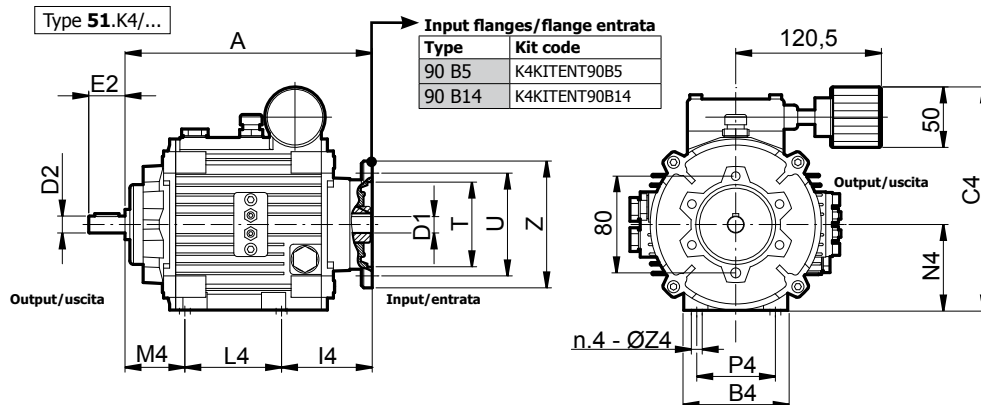


Without Output Flange, without feet

Senza Flangia Uscita, senza piedi

For the not indicated dimensions, see the previous page
Per le quote non indicate, vedere la pagina precedente

Type 51.K4/...



With 1.1-1.5 kW motor 4p

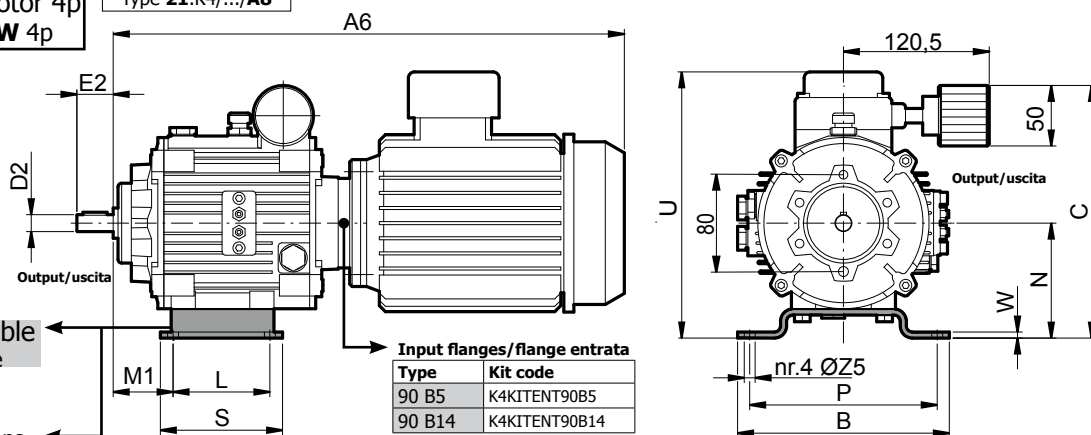
Con motore 1.1-1.5 kW 4p

Type 21.K4/.../A8

Removable
Rimovibile

Feet kit options

A8	K4PIEDIA8
13	K4PIEDI13



Weight	1.1 kW	35.6 kg / 73.0 lbs
Peso	1.5 kW	35.6 kg / 78.5 lbs

With Output Flange

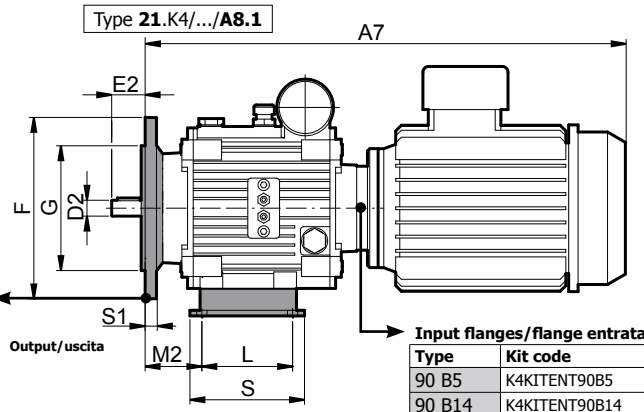
Con Flangia Uscita

Type 21.K4/.../A8.1

Output flanges/Flange uscita

Type	Kit code
90B5	K4KITFLU90B5
90B14	K4KITFLU90B14
100B5	K5KITFLU100B5
100B14	K5KITFLU100B14

For dimensions, see page 24
Per dimensioni, vedi pag.24



Motor	A6	A7
1.1 kW 90B5	527	527
1.1 kW 90B14	525	525
1.5 kW 90B5	552	552
1.5 kW 90B14	550	550

Feet Piedi	A8	U
	13	280

K5 100-112B5

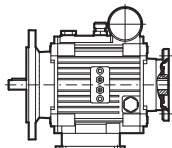
Variator size K5

Variatore tipo K5

Input/Entrata	100-112 B5	-	-	-
Output/Uscita	100-112 B5	100B14	90 B5	90B14

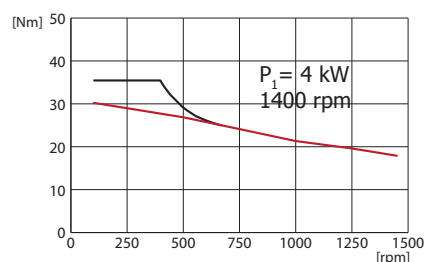
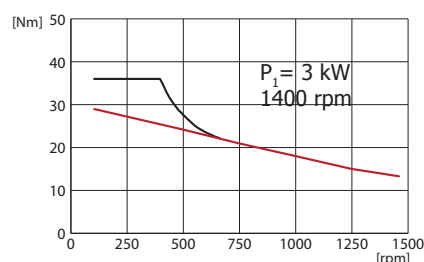
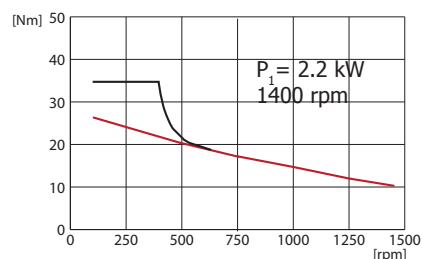
Oil q.ty/Q.tà olio: 2 lt. for B3 posit.
(2,5 lt. for V5 and 2,4 lt. for the other posit.)

Weight/Peso	Kg	lbs
Without motor/Senza motore	27.0	59.5
With motor/Con motore 2.2 kW	48.0	106
With motor/Con motore 3 kW	51.7	114
With motor/Con motore 4 kW	57.5	127



For dimensions, see pag.28/Per le dimensioni, vedi pag.28

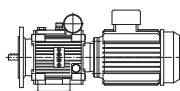
Torque-speed diagram
Diagramma coppia-velocità



— Torque available for continuous duty
Coppia nominale per funzionamento continuo

— Starting torque for very intermittent use, as motor is loaded with 200% Ampere. Warning: not to burn the motor.
Coppia di spunto per uso intermittente, il motore assorbe il 200% degli Ampere. Attenzione a non bruciare il motore

Moto-variator Moto-variatore



Speed range	P ₁	n ₁	M ₂	M _{st}	n _{2min}	P ₂	Atex Category	Input Flange Flangia ingr.	Output flange Flangia uscita					Weight Peso	Dimens.
[rpm]	[kW]	[rpm]	[Nm]	[Nm]	[rpm]	[kW]		100-112B5	100-112B5	90B5	90B14	100B14		kg/lbs	Pag.
0-1430	2.2	1400	10.3	35	50	1.6	2/3	✓	✓	✓	✓	✓		48.0/106	28
0-1430	3	1400	13.8	35	50	2.2		✓	✓	✓	✓	✓		51.7/114	
0-1430	4	1400	17.9	35	50	2.9		✓	✓	✓	✓	✓		57.5/127	
0-900	1.5	900	10.9	35	50	1.1		✓	✓	✓	✓	✓		46.1/102	
0-900	2.2	900	15.8	35	50	1.6		✓	✓	✓	✓	✓		52.4/115	

P₁ = motor power/potenza motore; n₁ = motor speed/velocità motore;

M₂ = variator output torque at max speed/coppia uscita variatore alla max velocità

M_{st} = variator output starting torque/coppia spunto uscita variatore; n_{2min} = minimum speed with stable torque/velocità minima con coppia stabile;

P₂ = variator output power/potenza uscita variatore.

Variator: **K5**

Input: **100 B5 - 112 B5**

Oil q.ty/Q.tà olio: 2 lt. for B3 posit.
(2,5 lt. for V5 and 2,4 lt. for the other posit.)

Input flange/flangia entrata

Type	Kit code
100-112 B5	K5KITENT

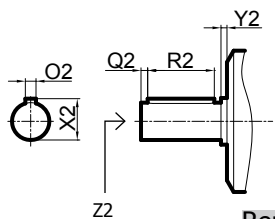
Weight 27 kg

Peso 59 lbs

With feet

Con piedi

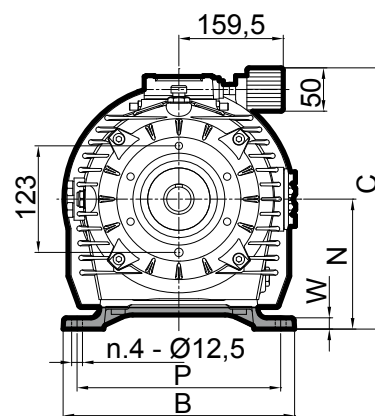
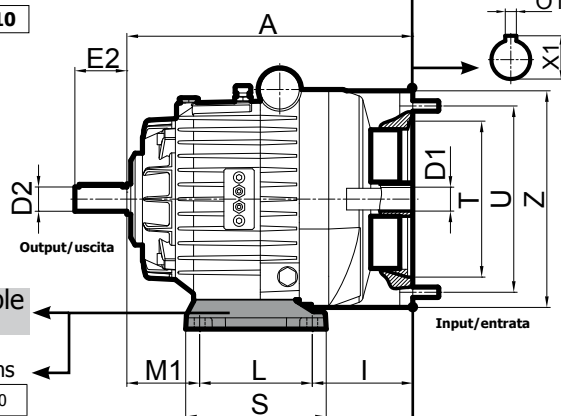
Type **11.K5/.../A10**



Removable
Rimovibile

Feet Kit options

A10	K5PIEDIA10
A12	K5PIEDIA12
14	K5PIEDIA14



100-112B5 input flange

A	Feet Piedi	A10-A12	I	T	U	Z
330		14	153.5	180	215	250
			116	180	215	250

B	C	L	M1	N	P	S	W
272.2	281.5	100	76.5	130	240	133.7	12.5
267.2	301.5	130	84	150	235	162.2	12.5

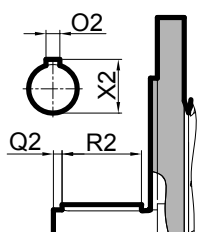
Ø shaft: output solid, input hollow/Ø albero: uscita cilindrico, entrata cavo

Output/Uscita	D2	E2	O2	X2	Q2	R2	Y2	Z2
Standard	Ø28 j6	60	8	31	5	50	4.5	M8x20
On request	Ø24 j6	50	8	27	5	40	4.5	M8x20
Input/Entrata	D1	-	O1	X1	-	-	-	-
Standard	Ø28 F7		8	31.2	-	-	-	-
On request	Ø24 F7		8	27.2	-	-	-	-

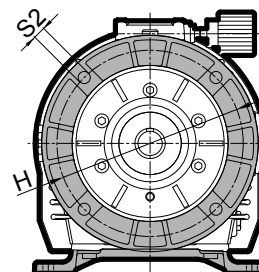
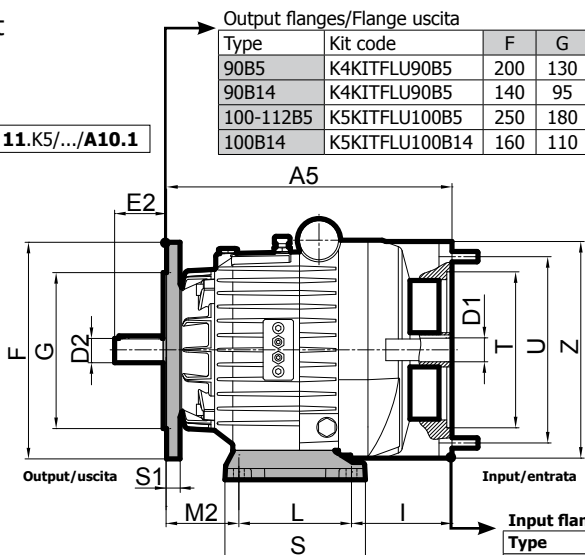
With output flange and feet

Con flangia uscita e piedi

Type **11.K5/.../A10.1**



Feet Piedi	A10-A12	M2	A5
	14	76.5	330
		84	

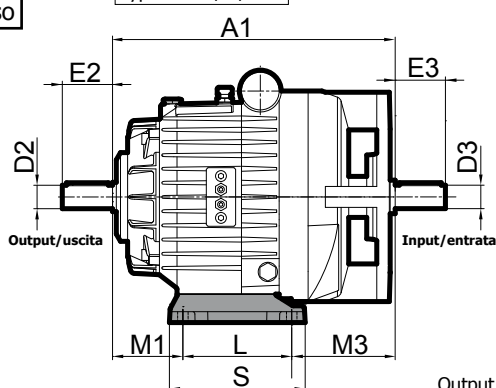
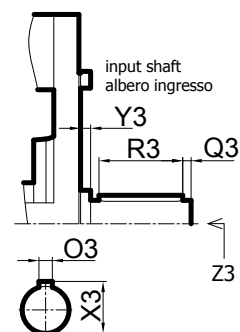


Input flange/flangia entrata

Type	Kit code
100-112 B5	K5KITENT

Solid input shaft
Albero maschio ingresso

Type **10.K5/.../A10**

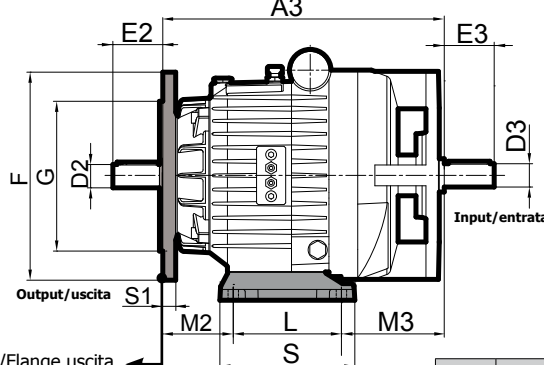


Ø solid input shaft / Ø albero ingresso maschio

Input/Entrata	D3	E3	O3	X3	Q3	R3	Y3	Z3
Standard	Ø28 j6	60	8	31	5	50	6	M8x20
On request	Ø24 j6	50	8	27	5	40	4.5	M8x20

With Output Flange
Con Flangia Uscita

Type **10.K5/.../A10.1**



Output flanges/Flange uscita

Type	Kit code
90B5	K4KITFLU90B5
90B14	K4KITFLU90B5
100-112B5	K5KITFLU100B5
100B14	K5KITFLU100B14

A1	A3	M1	M2	M3
337	337	76.5	76.5	160.5
		84	84	123

2.2-3-4kW

DIMENSIONI / DIMENSIONS

K5 100-112B5

Without feet

Senza piedi

Type 51.K5/.../...1

Input flange/flangia entrata

Type	Kit code
100-112 B5	K5KITENT

Weight	26.5 kg
Peso	58.4 lbs

With Output Flange

Con Flangia Uscita

Output flanges/Flange uscita

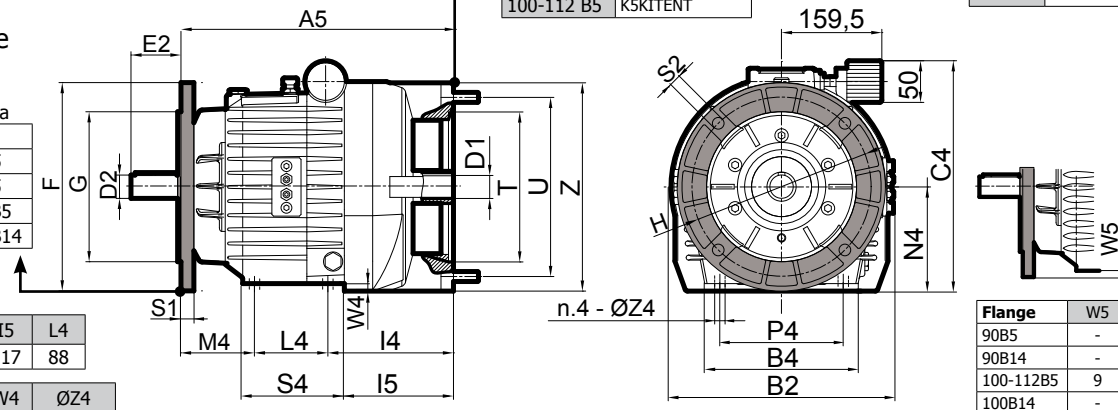
Type	Kit code
90B5	K4KITFLU90B5
90B14	K4KITFLU90B5
100-112B5	K5KITFLU100B5
100B14	K5KITFLU100B14

For dimensions see pag.28
Per dimensioni vedi pag.28

B2	B4	C4	I4	I5	L4
265	184	276.5	152.5	117	88

M4	N4	P4	S4	W4	ØZ4
89.5*	125	140	136	9	M10x20

*For 100B14 output flange/Per flangia uscita 100B14: M4=95.5



Flange	W5
90B5	-
90B14	-
100-112B5	9
100B14	-

Without Output Flange, without feet

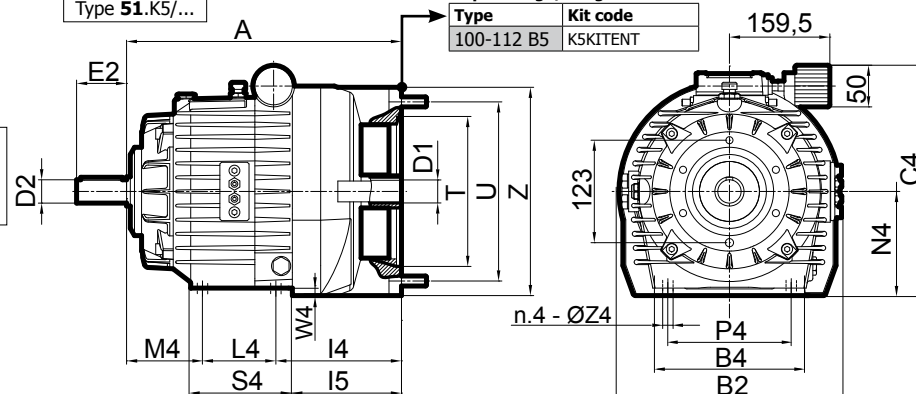
Senza Flangia Uscita, senza piedi

For the not indicated dimensions, see the previous page
Per le quote non indicate, vedere la pagina precedente

Type 51.K5/...

Input flange/flangia entrata

Type	Kit code
100-112 B5	K5KITENT



With 2.2-3-4 kW motor 4p

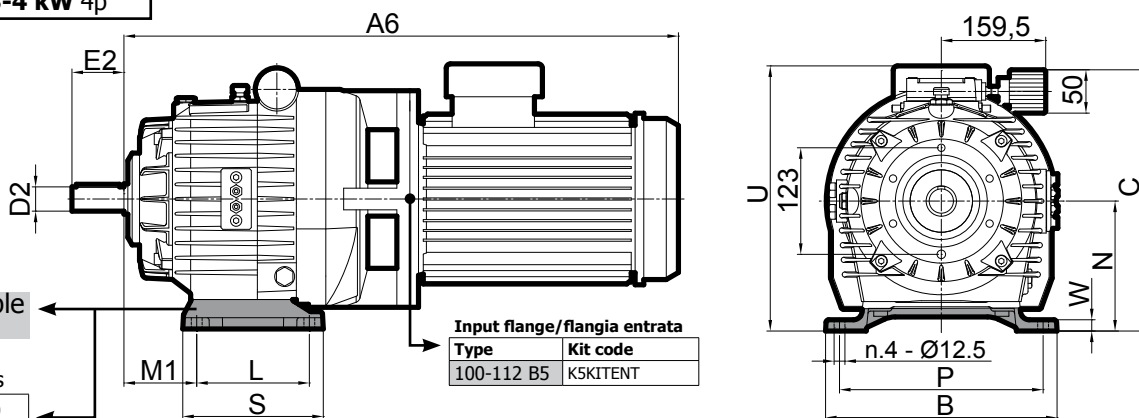
Con motore 2.2-3-4 kW 4p

Type 21.K5/.../A10

Removable
Rimovibile

Feet Kit options

Feet	Kit options
A10	K5PIEDIA10
A12	K5PIEDIA12
14	K5PIEDIA14



Weight	2.2 kW	48.0 kg / 106 lbs
Peso	3 kW	51.7 kg / 114 lbs
	4 kW	57.5 kg / 127 lbs

With Output Flange

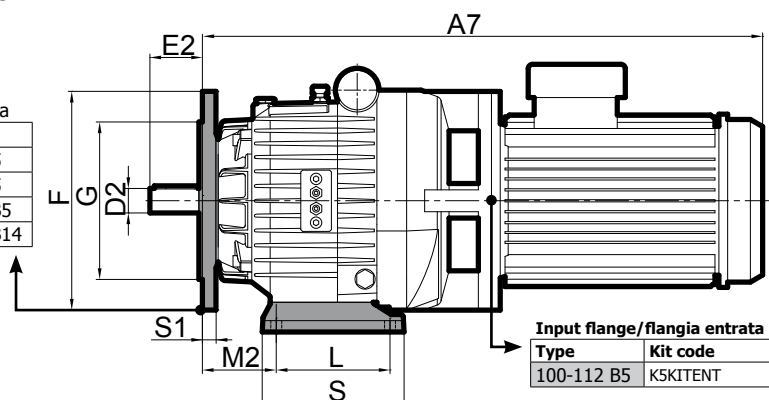
Con Flangia Uscita

Type 21.K5/.../A10.1

Output flanges/Flange uscita

Type	Kit code
90B5	K4KITFLU90B5
90B14	K4KITFLU90B5
100-112B5	K5KITFLU100B5
100B14	K5KITFLU100B14

For dimensions see pag.28
Per dimensioni vedi pag.28



Input flange/flangia entrata

Type	Kit code
100-112 B5	K5KITENT

Motor	A6	A7
2.2 kW	656	656
3 kW	656	656
4 kW	665	665

	U
2.2-3 kW	277
4 kW	300

Feet	A10-A12
Piedi	14

15 100-112B5

Variator size 15

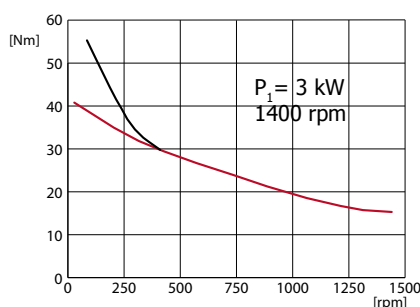
Variatore tipo 15

Input/Entrata	100-112 B5
Output/Uscita	100-112 B5

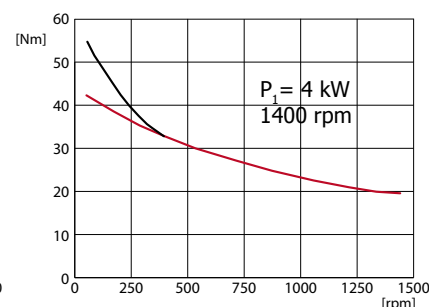
Oil q.ty/Q.tà olio: 4.5 lt. for B3 posit.
(5 lt. for the other positions)

Weight/Peso	Kg	lbs
Without motor/Senza motore	60	132
With motor/Con motore 3 kW	98	216
With motor/Con motore 4 kW	111	245

Torque-speed diagram
Diagramma coppia-velocità



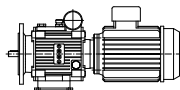
— Torque available for continuous duty
Coppia nominale per funzionamento continuo



— Starting torque for very intermittent use, as motor is loaded with 200% Amperes. Warning: not to burn the motor. Coppia di spunto per uso intermittente, il motore assorbe il 200% degli Amperes. Attenzione a non bruciare il motore

Moto-variator

Moto-variatore



Speed range	P ₁	n ₁	M ₂	M _{st}	n _{2min}	P ₂	Atex Category	Input Flange	Output flange				Weight Peso	Dimens.
[rpm]	[kW]	[rpm]	[Nm]	[Nm]	[rpm]	[kW]		100-112B5	100-112B5				kg/lbs	Pag.
0-1430	3	1400	14.1	53.9	50	2.1	2/3	✓	✓				98/126	39
0-1430	4	1400	19.7		50	2.9		✓	✓				111/245	
0-900	2.2	900	17.6		50	1.6		✓	✓				105/231	

P₁ = motor power/potenza motore; n₁ = motor speed/velocità motore;

M₂ = variator output torque at max speed/coppia uscita variatore alla max velocità

M_{st} = variator output starting torque/coppia spunto uscita variatore; n_{2min} = minimum speed with stable torque/velocità minima con coppia stabile;

P₂ = variator output power/potenza uscita variatore.

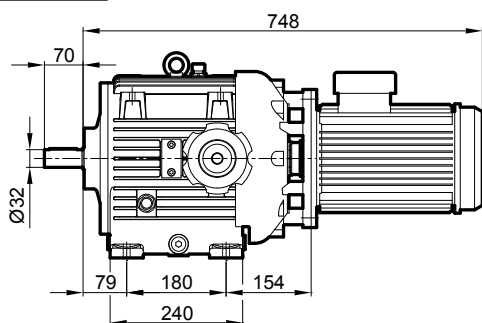
15 100-112B5

DIMENSIONI / DIMENSIONS

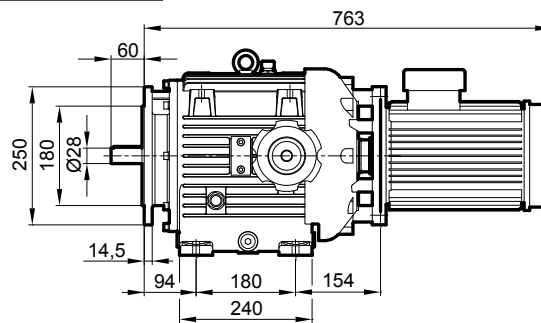
3-4 kW

Variator size 15: dimensions with 4 kW electric motor/ Variatore tipo 15: dimensioni con motore elettrico 4 kW

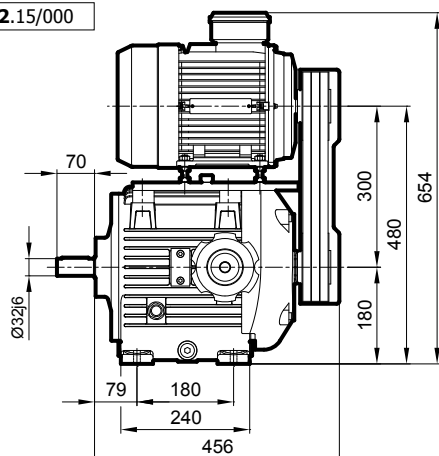
Type 21.15/000



Type 21.15/000/1

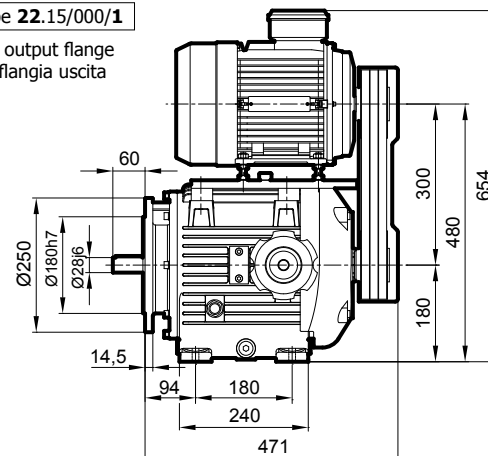


Type 22.15/000



Type 22.15/000/1

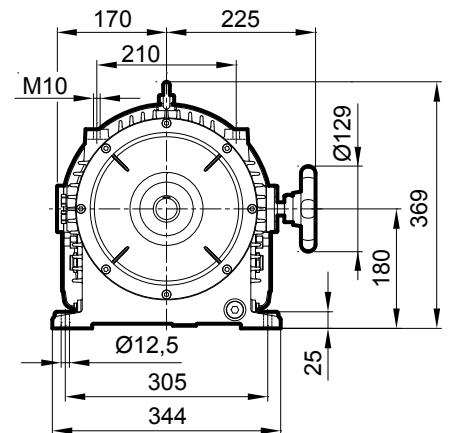
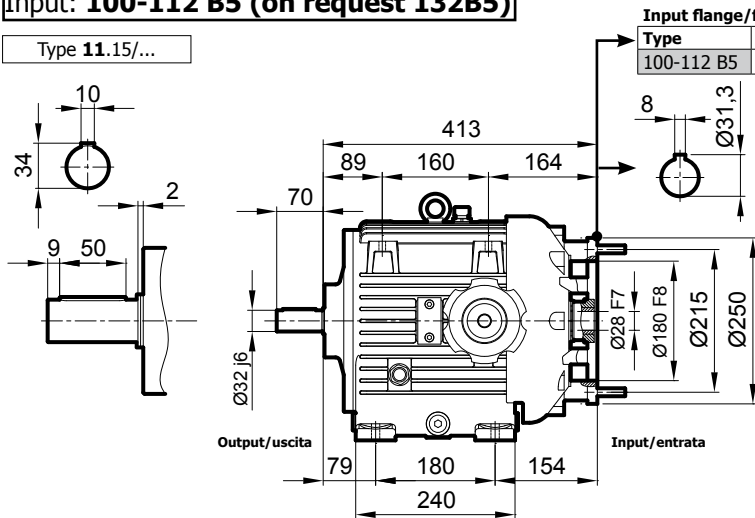
With output flange
Con flangia uscita



Variator: **15**
Input: **100-112 B5 (on request 132B5)**

Oil q.ty/Q.tà olio: 4.5 lt. for B3 posit.
(5 lt. for the other positions)

Weight	60 kg
Peso	132 lbs

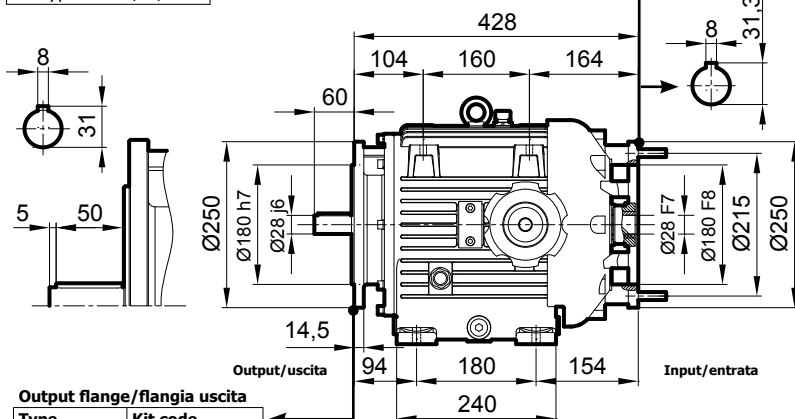
Type **11.15/...**

With **output** flange and feet
Con flangia **uscita** e piedi

Type **11.15/.../1**

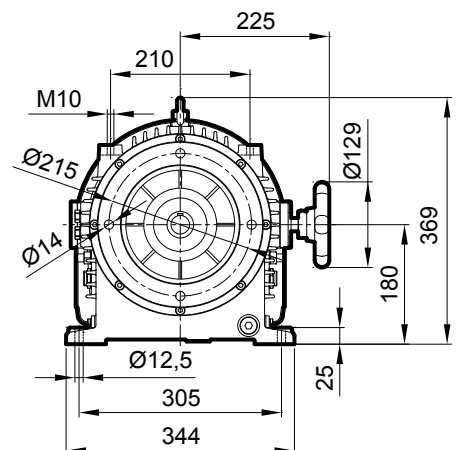
Input flange/flangia entrata

Type	Kit code
100-112 B5	15KITENT112B5

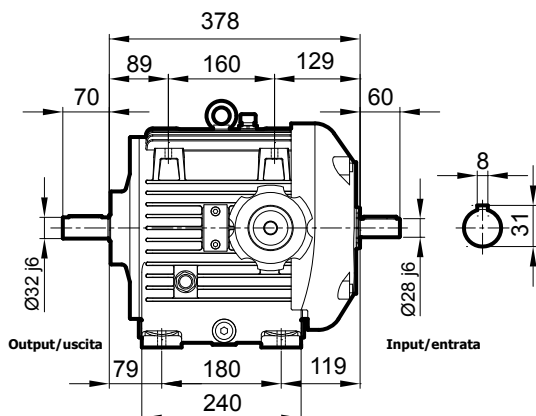


Output flange/flangia uscita

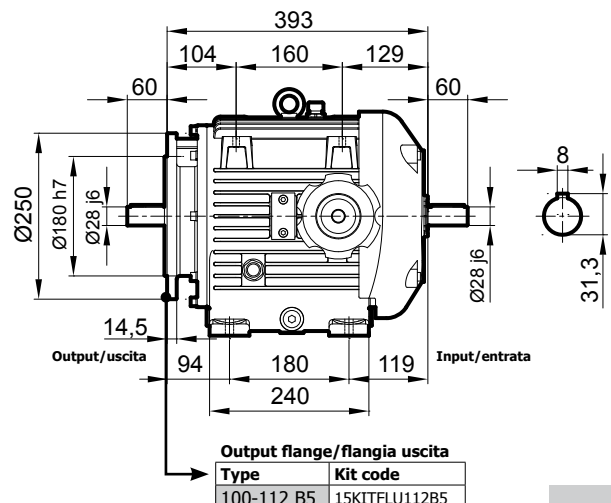
Type	Kit code
100-112 B5	15KITFLU112B5



Solid input shaft
Albero maschio ingresso

Type **10.15/...**Type **10.15/.../1**

With **Output** Flange
Con Flangia **Uscita**



16 132B5

Torque-speed diagram
Diagramma coppia-velocità

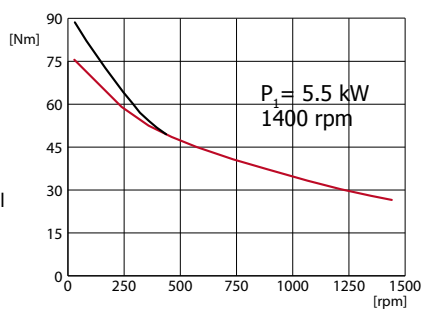
Variator size 16

Variatore tipo 16

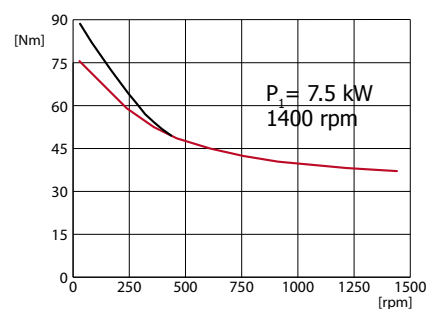
Input/Entrata	132 B5
Output/Uscita	132 B5

Oil q.ty/Q.tà olio: 6.5 lt. for horizontal and vertical position
(8 lt. for 30° inclined position)

Weight/Peso	Kg	lbs
Without motor/Senza motore	130	287
With motor/Con motore 5.5 kW	200	441
With motor/Con motore 7.5 kW	209	461



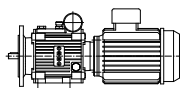
— Torque available for continuous duty
Coppia nominale per funzionamento continuo



— Starting torque for very intermittent use, as motor is loaded with 200% Amperes. Warning: not to burn the motor. Coppia di spunto per uso intermittente, il motore assorbe il 200% degli Amperes. Attenzione a non bruciare il motore

Moto-variator

Moto-variatore



Speed range	P ₁	n ₁	M ₂	M _{st}	n _{2min}	P ₂	Atex Category	Input Flange	Output flange				Weight Peso	Dimens.
[rpm]	[kW]	[rpm]	[Nm]	[Nm]	[rpm]	[kW]		132 B5	132B5				kg/lbs	Pag.
0-1430	5.5	1400	26.9	88.3	50	4.02	2/3	✓	✓				200/441	41
0-1430	7.5	1400	36.9		50	5.52		✓	✓				209/461	
0-900	5.5	900	43.9		50	4.13		✓	✓				212/467	

P₁ = motor power/potenza motore; n₁ = motor speed/velocità motore;

M₂ = variator output torque at max speed/coppia uscita variatore alla max velocità

M_{st} = variator output starting torque/coppia spunto uscita variatore; n_{2min} = minimum speed with stable torque/velocità minima con coppia stabile;

P₂ = variator output power/potenza uscita variatore.

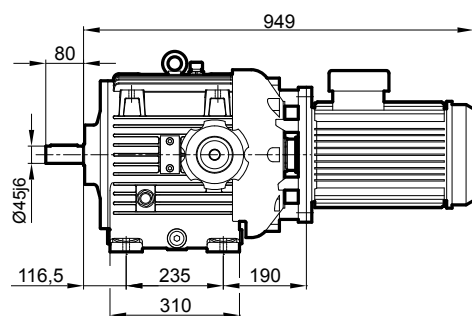
16 132B5

DIMENSIONI / DIMENSIONS

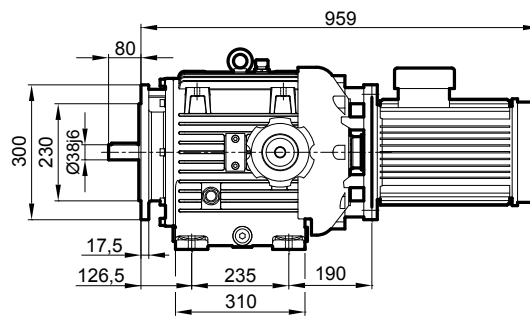
5.5-7.5 kW

Variator size 16: dimensions with 7.5 kW electric motor/ Variatore tipo 15: dimensioni con motore elettrico 7.5 kW

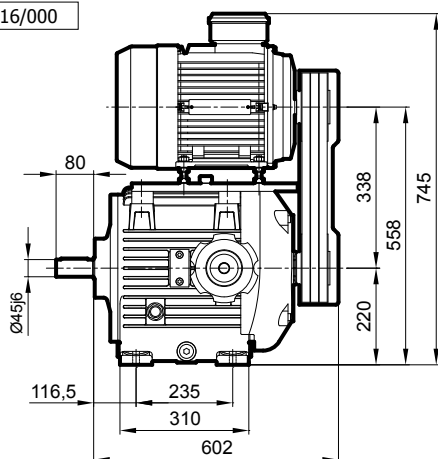
Type 21.16/000



Type 21.16/000/1

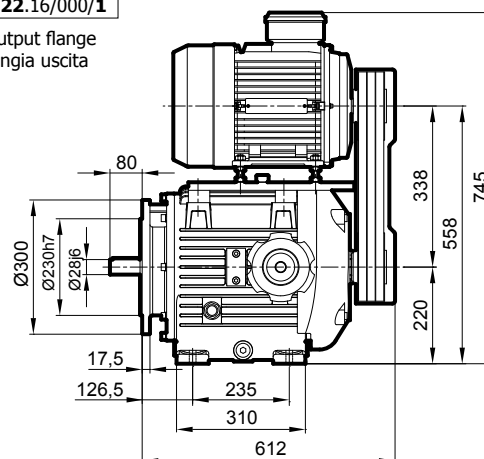


Type 22.16/000



Type 22.16/000/1

With output flange
Con flangia uscita

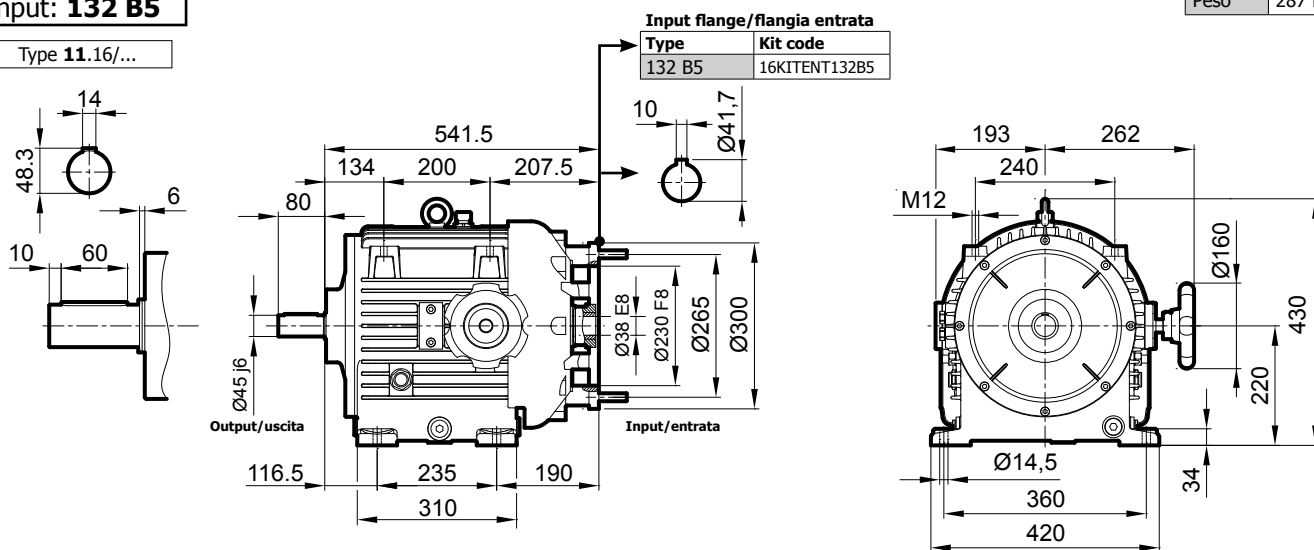


Variator: **16**
Input: **132 B5**

Oil q.ty/Q.tà olio: 6.5 lt. for horizontal and vertical position
(8 lt. for 30° inclined position)

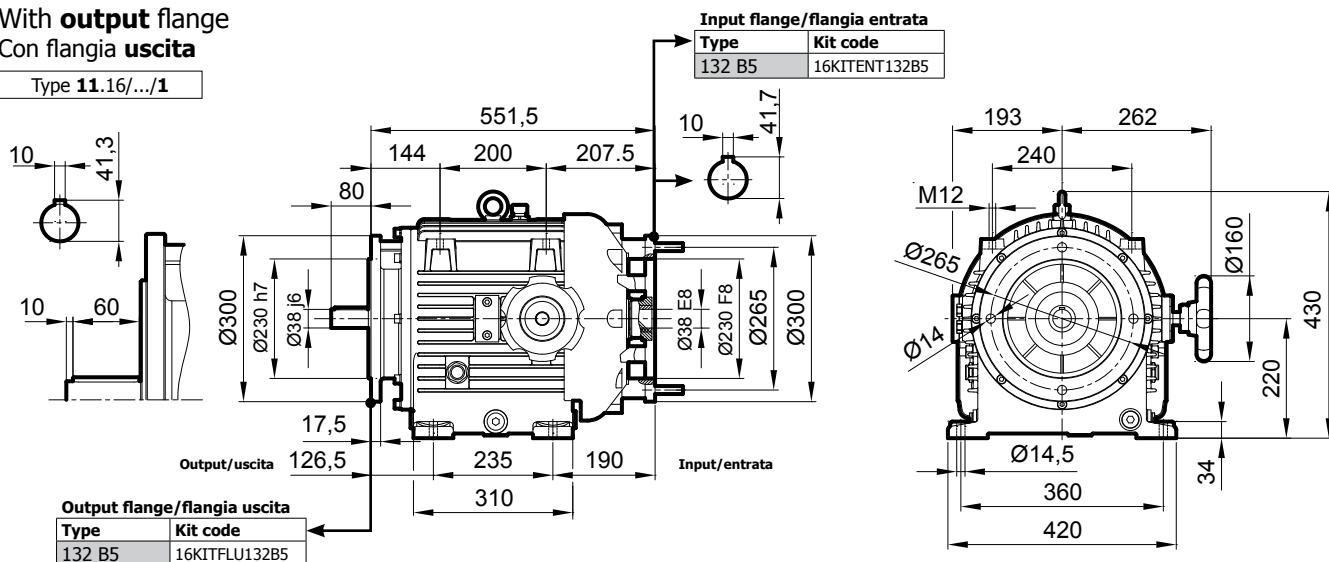
Weight	130 kg
Peso	287 lbs

Type **11.16/...**



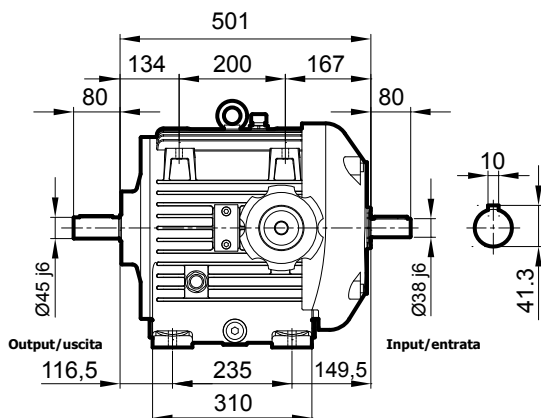
With **output** flange
Con flangia **uscita**

Type **11.16/.../1**



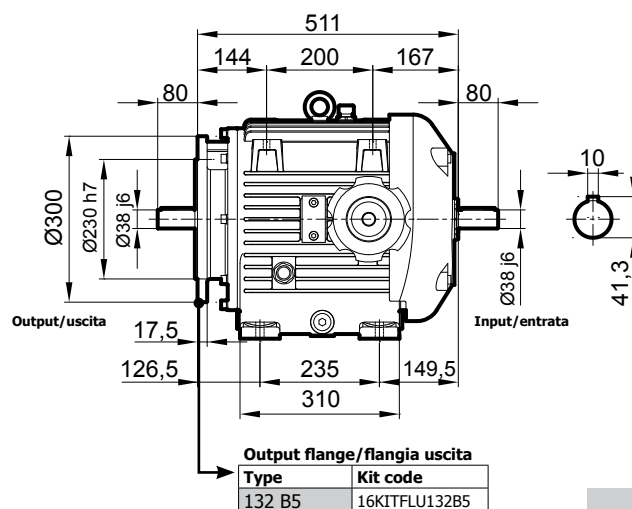
Solid input shaft
Albero maschio ingresso

Type **10.16/...**



Type **10.16/.../1**

With **Output** Flange
Con Flangia **Uscita**



16B 160B5

Variator size 16B

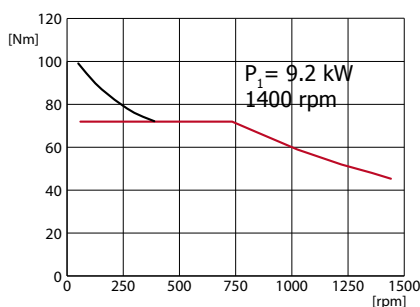
Variatore tipo 16B

Input/Entrata	160B5	132B5 on request
Output/Uscita	132B5	-

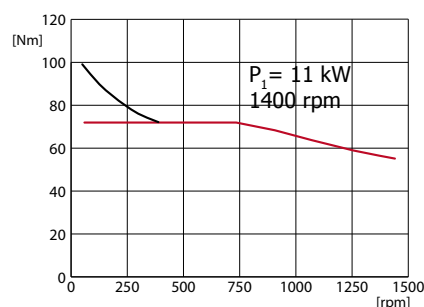
Oil q.ty/Q.tà olio: 7 lt. for B3 horizontal position
(contact Var-Spe for vertical position)

Weight/Peso	Kg	lbs
Without motor/Senza motore	150	331
With motor/Con motore 9.2 kW	242	533
With motor/Con motore 11 kW	278	613

Torque-speed diagram
Diagramma coppia-velocità



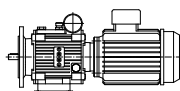
— Torque available for continuous duty
Coppia nominale per funzionamento continuo



— Starting torque for very intermittent use, as motor is loaded with 200% Amperes. Warning: not to burn the motor. Coppia di spunto per uso intermittente, il motore assorbe il 200% degli Amperes. Attenzione a non bruciare il motore

Moto-variator

Moto-variatore



Speed range	P ₁	n ₁	M ₂	M _{st}	n _{2min}	P ₂	Atex Category	Input Flange	Output flange	Weight Peso	Dimens.
[rpm]	[kW]	[rpm]	[Nm]	[Nm]	[rpm]	[kW]		160B5	132B5	kg/lbs	Pag.
0-1430	9.2	1400	44.8	98.1	50	6.7	2/3		✓	242/533	43
0-1430	11	1400	55.3		50	8.3		✓	✓	278/613	
0-900	7.5	900	60.1		50	5.6		✓	✓	273/602	

P₁ = motor power/potenza motore; n₁ = motor speed/velocità motore;

M₂ = variator output torque at max speed/coppia uscita variatore alla max velocità

M_{st} = variator output starting torque/coppia spunto uscita variatore; n_{2min} = minimum speed with stable torque/velocità minima con coppia stabile;

P₂ = variator output power/potenza uscita variatore.

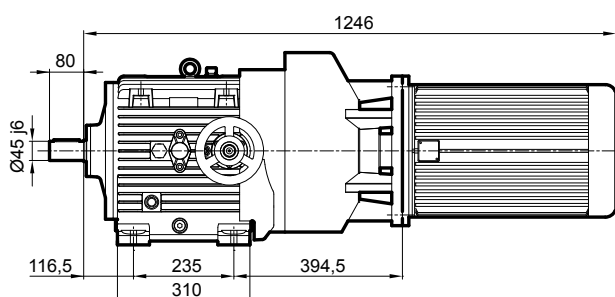
16B 160B5

DIMENSIONI / DIMENSIONS

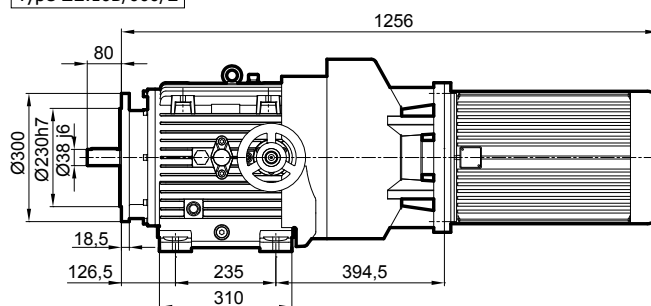
9.2-11 kW

Variator size 16B: dimensions with 11 kW electric motor/ Variatore tipo 16B: dimensioni con motore elettrico 11 kW

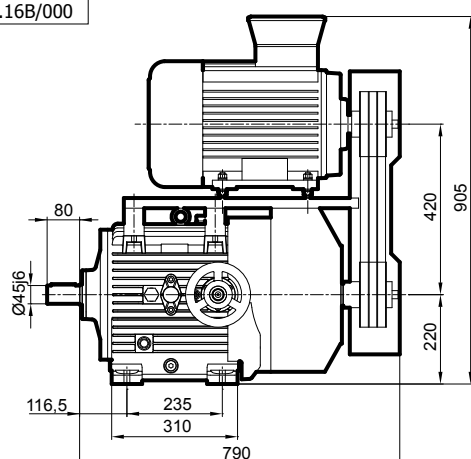
Type 21.16/000



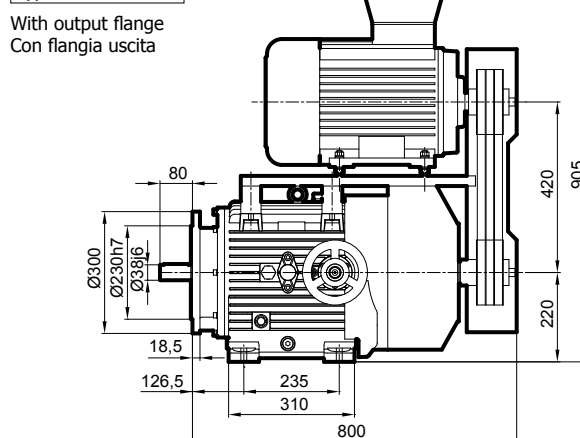
Type 21.16B/000/1



Type 22.16B/000



Type 22.16B/000/1

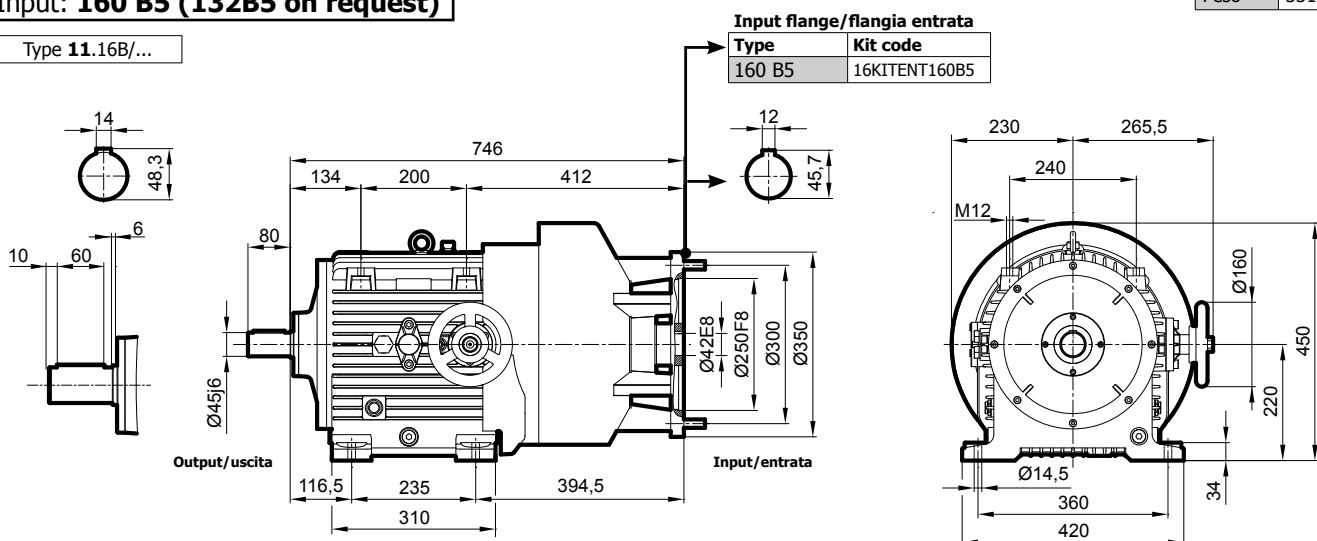


Variator: **16B**
Input: **160 B5 (132B5 on request)**

Oil q.ty/Q.tà olio: 7.0 lt. for horizontal position
(for vertical position contact Var-Spe)

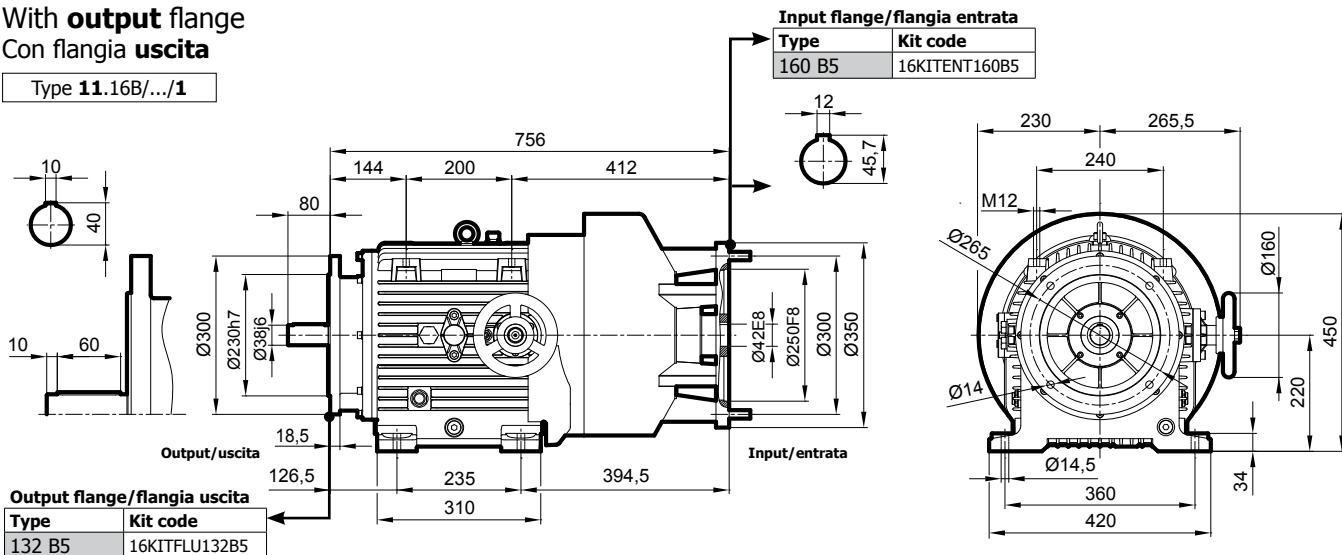
Weight	150 kg
Peso	331 lbs

Type **11.16B/...**



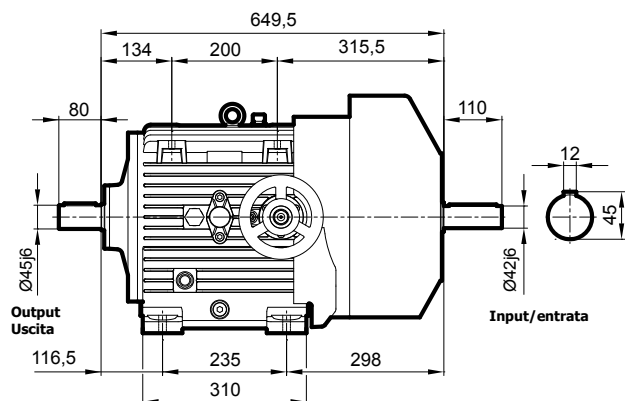
With **output** flange
Con flangia **uscita**

Type **11.16B/.../1**



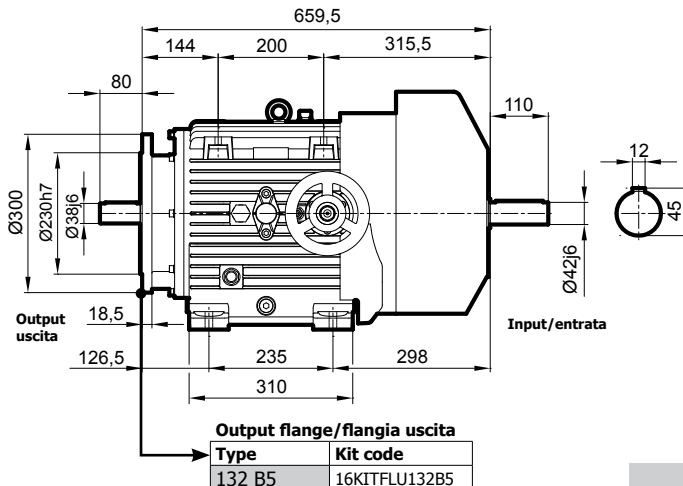
Solid input shaft
Albero maschio ingrosso

Type **10.16B/...**



With **Output** Flange
Con Flangia **Uscita**

Type **10.16B/.../1**



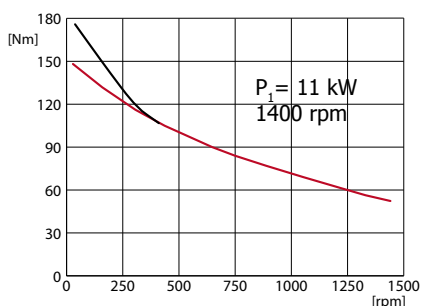
17 160B5

Torque-speed diagram
Diagramma coppia-velocitàVariator size 17
Variatore tipo 17

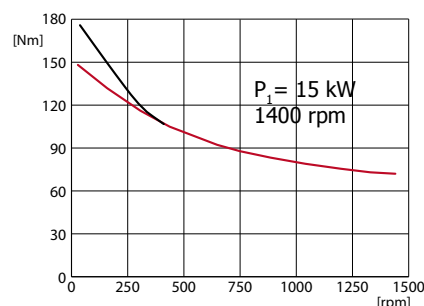
Input/Entrata	160 B5
Output/Uscita	160 B5

Oil q.ty/Q.tà olio: 12 lt. for horizontal and vertical positions
(14 lt. for 30° inclined positions)

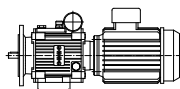
Weight/Peso	Kg	lbs
Without motor/Senza motore	220	485
With motor/Con motore 11 kW	345	761
With motor/Con motore 15 kW	365	805



— Torque available for continuous duty
Coppia nominale per funzionamento continuo



— Starting torque for very intermittent use, as motor is loaded with 200% Amperes. Warning: not to burn the motor. Coppia di spunto per uso intermittente, il motore assorbe il 200% degli Amperes. Attenzione a non bruciare il motore

Moto-variator
Moto-variatore

Speed range	P ₁	n ₁	M ₂	M _{st}	n _{2min}	P ₂	Atex Category	Input Flange	Output flange	Weight Peso	Dimens.
[rpm]	[kW]	[rpm]	[Nm]	[Nm]	[rpm]	[kW]		160B5	160B5	kg/lbs	Pag.
0-1430	11	1400	52.3	176.6	50	7.8	2/3	✓	✓	345/761	45
0-1430	15	1400	71.7		50	10.7		✓	✓	365/805	
0-900	11	900	85.5		50	8.0		✓	✓	365/805	

P₁ = motor power/potenza motore; n₁ = motor speed/velocità motore;

M₂ = variator output torque at max speed/coppia uscita variatore alla max velocità

M_{st} = variator output starting torque/coppia spunto uscita variatore; n_{2min} = minimum speed with stable torque/velocità minima con coppia stabile;

P₂ = variator output power/potenza uscita variatore.

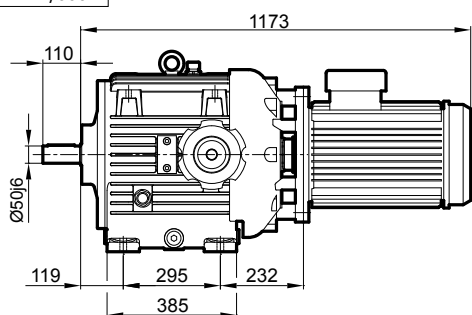
17 160B5

DIMENSIONI / DIMENSIONS

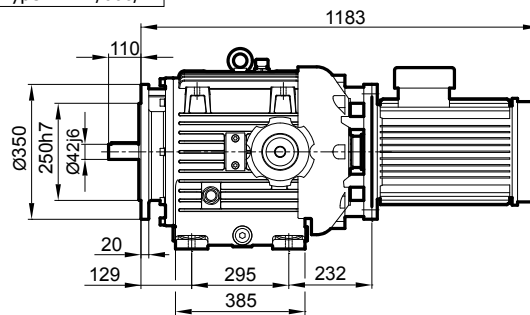
11-15 kW

Variator size 17: dimensions with 15 kW electric motor/ Variatore tipo 17: dimensioni con motore elettrico 15 kW

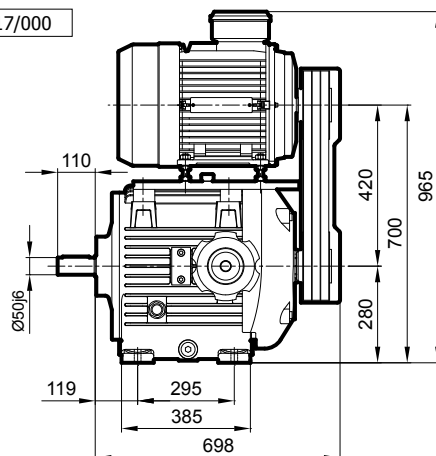
Type 21.17/000



Type 21.17/000/1

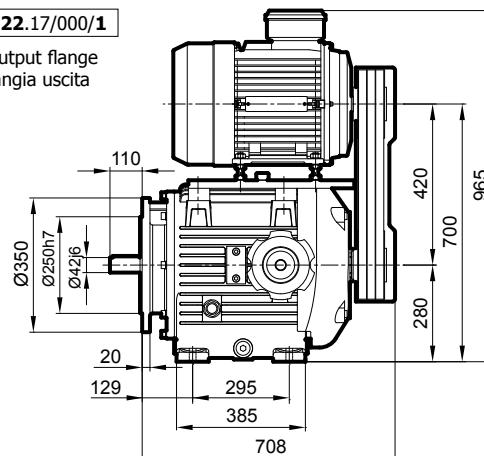


Type 22.17/000



Type 22.17/000/1

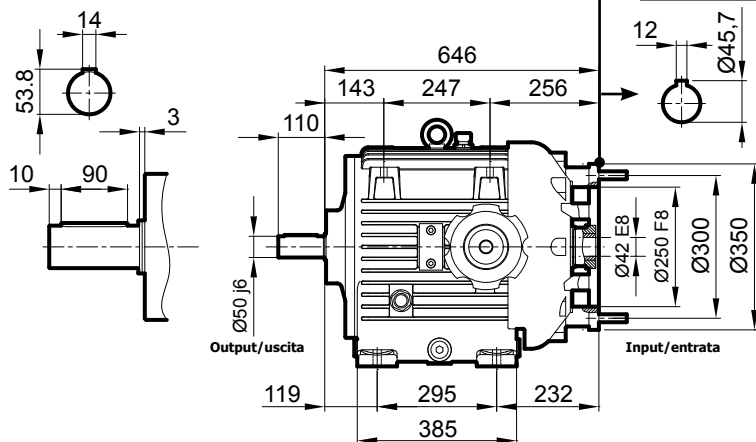
With output flange
Con flangia uscita



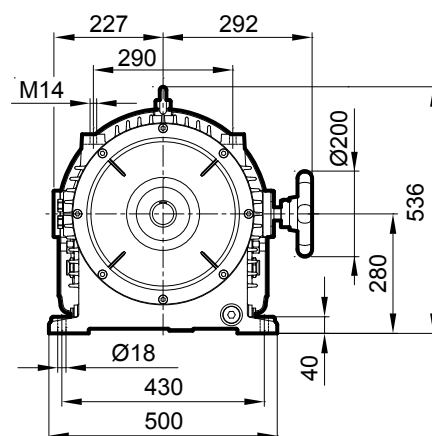
Variator: **17**
Input: **160 B5**

Oil q.ty/Q.tà olio: 12 lt. for horizontal and vertical position
(14 lt. for 30° inclined position)

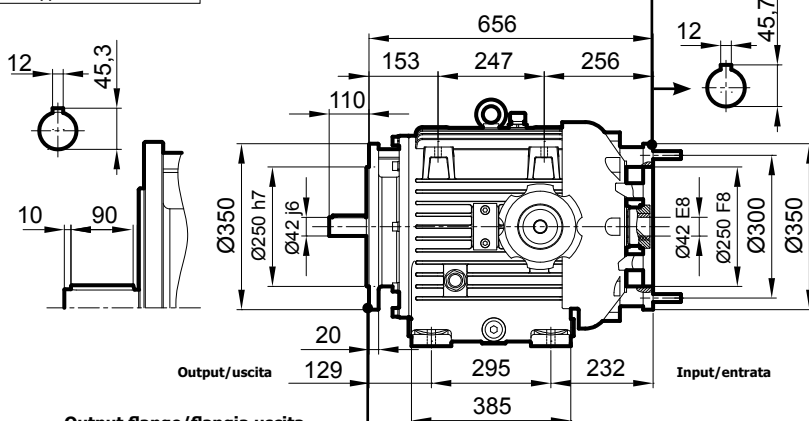
Weight	220 kg
Peso	485 lbs

Type **11.17/...**

Input flange/flangia entrata	
Type	Kit code
160 B5	17KITENT160B5

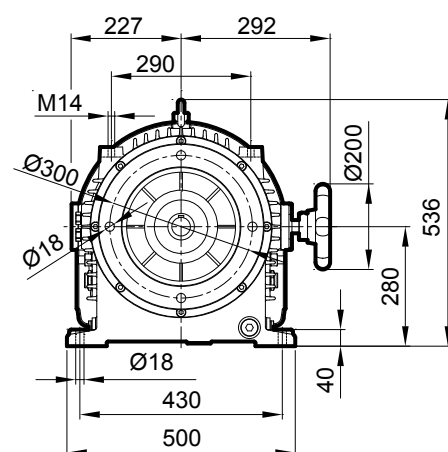


With **output** flange
Con flangia **uscita**

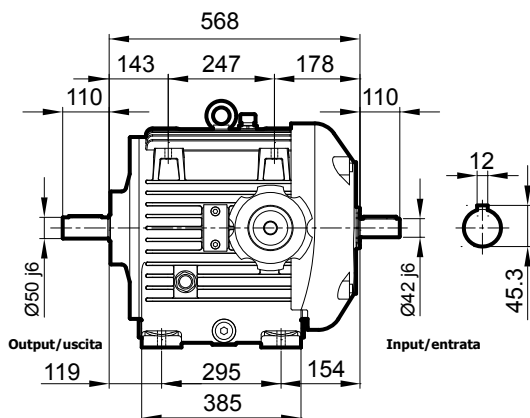
Type **11.17/.../1**

Input flange/flangia entrata	
Type	Kit code
160 B5	17KITENT160B5

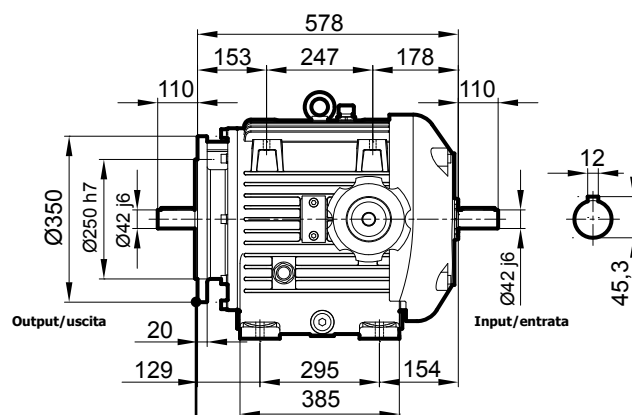
Output flange/flangia uscita	
Type	Kit code
160 B5	17KITFLU160B5



Solid input shaft
Albero maschio ingresso

Type **10.17/...**

Type **10.17/.../1** With **Output** Flange
Con Flangia **Uscita**

Type **10.17/.../1**

Output flange/flangia uscita	
Type	Kit code
160 B5	17KITFLU160B5

17B 18.5-22 kW

SELEZIONE / SELECTION

17B 180B5

Variator size 17B

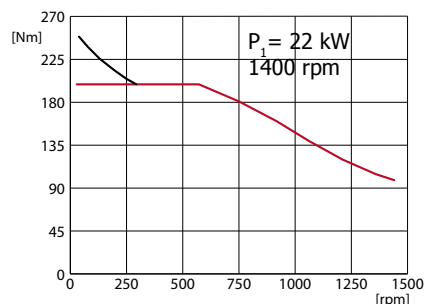
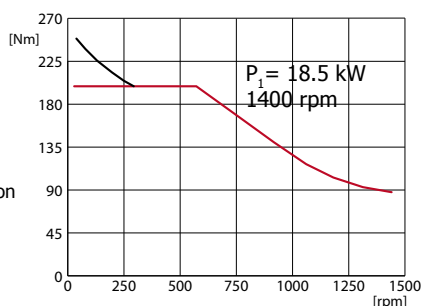
Variatore tipo 17B

Input/Entrata	180 B5
Output/Uscita	160 B5

Oil q.ty/Q.tà olio: 12.5 lt. for B3 horizontal position
(for vertical position contact Var-Spe)

Weight/Peso	Kg	lbs
Without motor/Senza motore	260	573
With motor/Con motore 18.5 kW	418	921
With motor/Con motore 22 kW	445	981

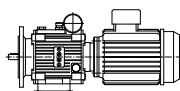
Torque-speed diagram
Diagramma coppia-velocità



— Torque available for continuous duty
Coppia nominale per funzionamento continuo

— Starting torque for very intermittent use, as motor is loaded with 200% Amperes. Warning: not to burn the motor. Coppia di spunto per uso intermittente, il motore assorbe il 200% degli Amperes. Attenzione a non bruciare il motore

Moto-variator Moto-variatore



Speed range	P_1	n_1	M_2	M_{st}	n_{2min}	P_2	Atex Category	Input Flange	Output flange				Weight Peso	Dimens.
[rpm]	[kW]	[rpm]	[Nm]	[Nm]	[rpm]	[kW]		180B5	160B5				kg/lbs	Pag.
0-1430	18.5	1400	88.4	245.2	50	13.2	2/3	✓	✓				418/921	47
0-1430	22	1400	106.1		50	15.9		✓	✓				445/981	
0-900	15	900	117.1		50	11.0		✓	✓				438/966	

P_1 = motor power/potenza motore; n_1 = motor speed/velocità motore;

M_2 = variator output torque at max speed/coppia uscita variatore alla max velocità

M_{st} = variator output starting torque/coppia spunto uscita variatore; n_{2min} = minimum speed with stable torque/velocità minima con coppia stabile;

P_2 = variator output power/potenza uscita variatore.

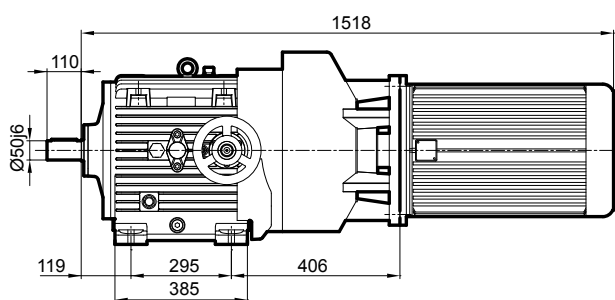
17B 180B5

DIMENSIONI / DIMENSIONS

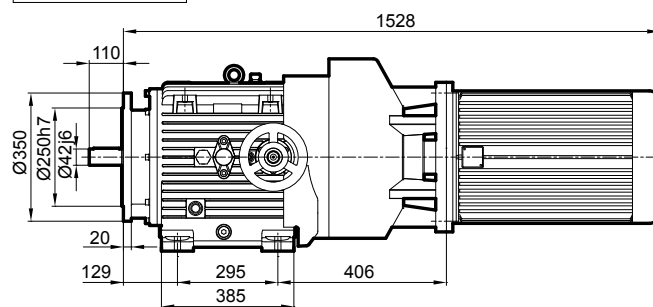
18.5-22 kW

Variator size 17B: dimensions with 22 kW electric motor/ Variatore tipo 17B: dimensioni con motore elettrico 22 kW

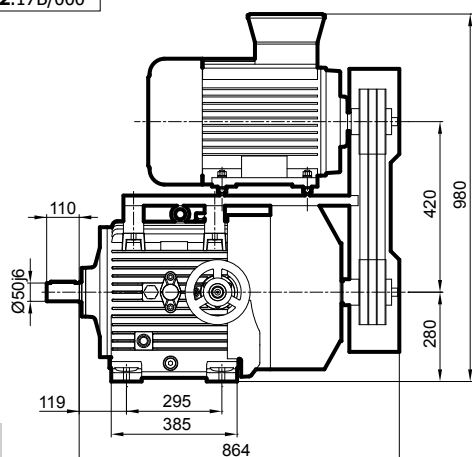
Type 21.17B/000



Type 21.17B/000/1

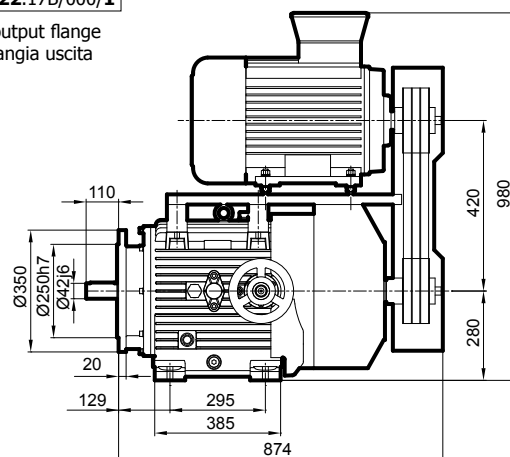


Type 22.17B/000



Type 22.17B/000/1

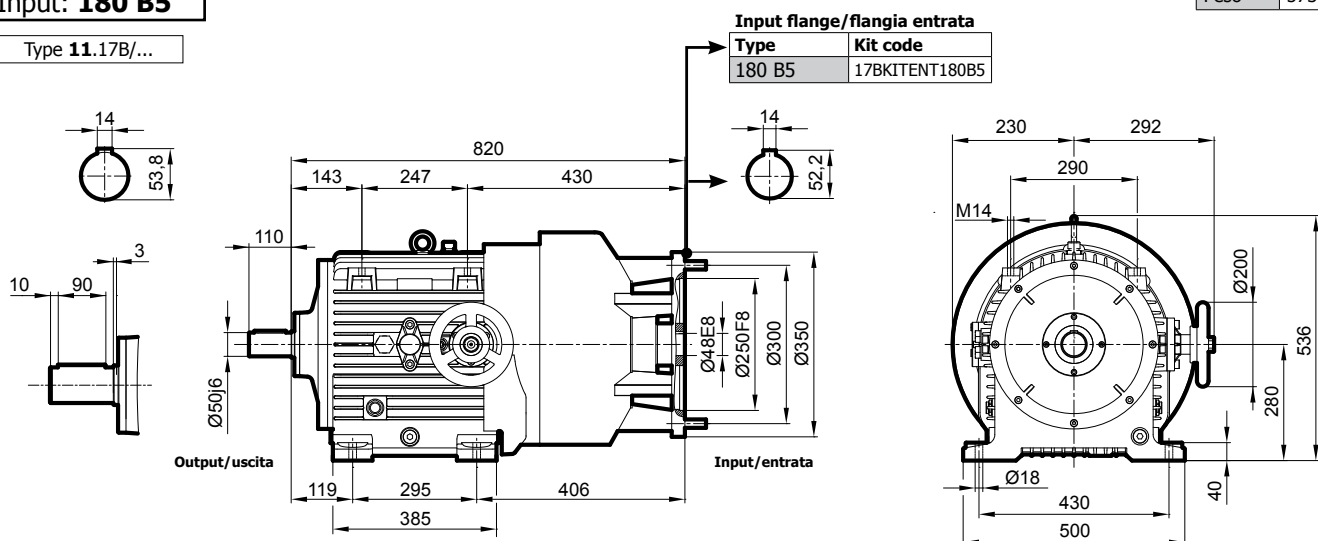
With output flange
Con flangia uscita



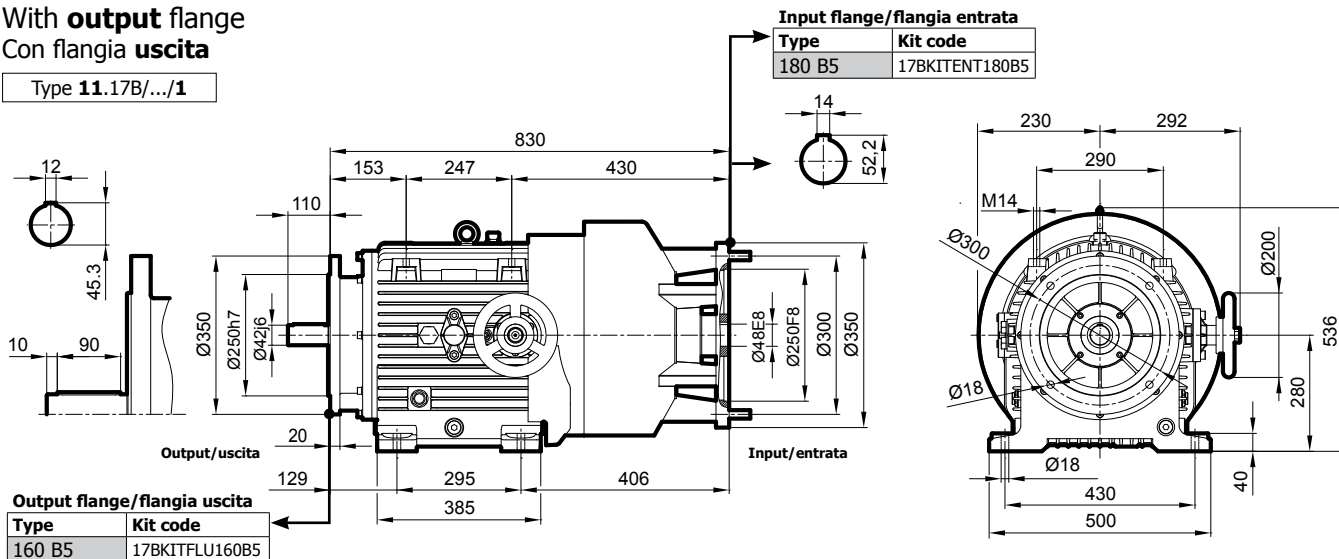
Variator: **17B**
 Input: **180 B5**

Oil q.ty/Q.tà olio: 12.5 lt. for horizontal position
(for vertical position contact Var-Spe)

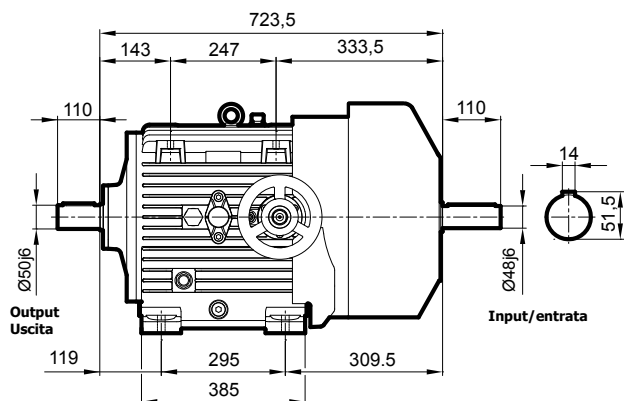
Weight	260 kg
Peso	573 lbs

Type **11.17B/...**

With **output** flange
Con flangia **uscita**

Type **11.17B/.../1**

Solid input shaft
Albero maschio ingresso

Type **10.17B**/...

With **Output** Flange
Con Flangia **Uscita**

Type **10.17B/.../1**