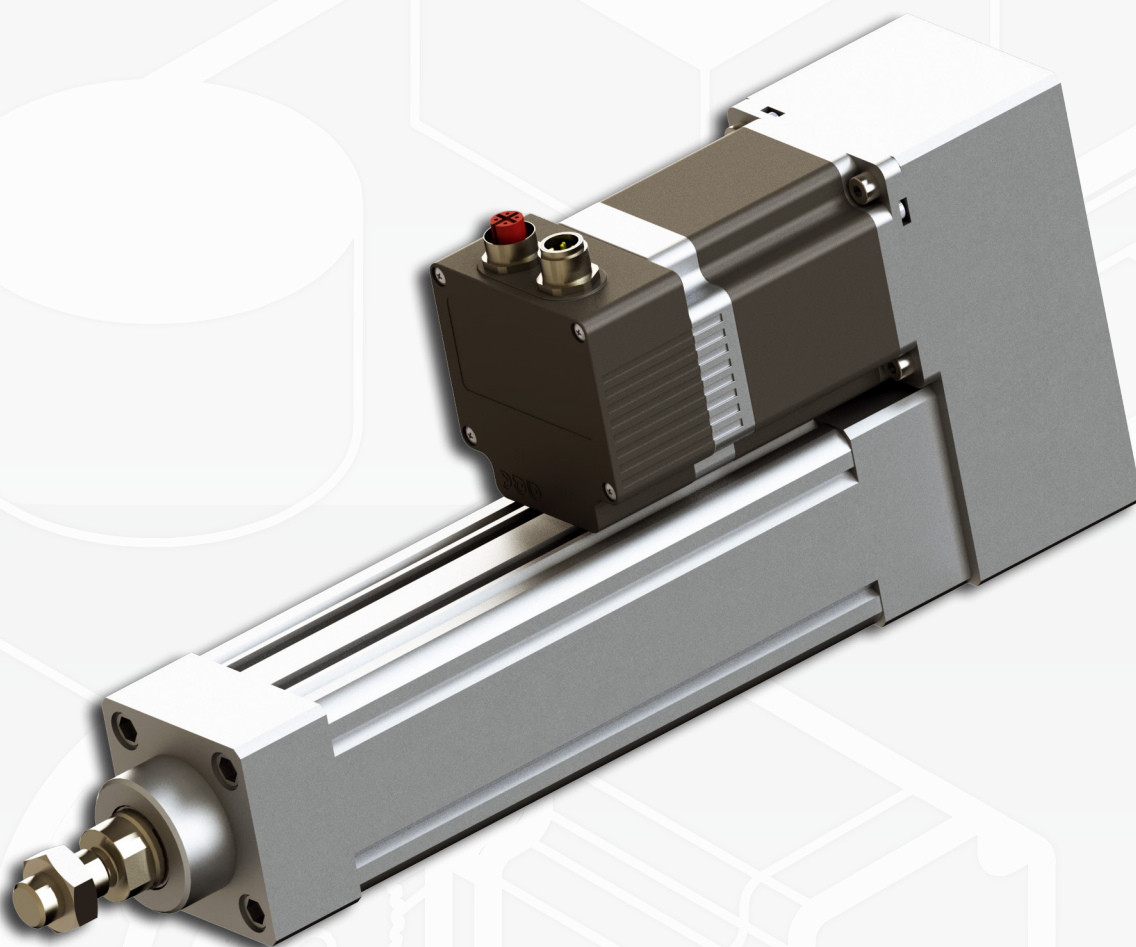


Cilindri elettrici



Servo electric cylinder stage

MOTORI ABBINABILI *
*MATCHING MOTORS **

Motor	A
M42SH33-Txx	55,54
M42SH47-Txx	69,90
M42SH60-Txx	81,70

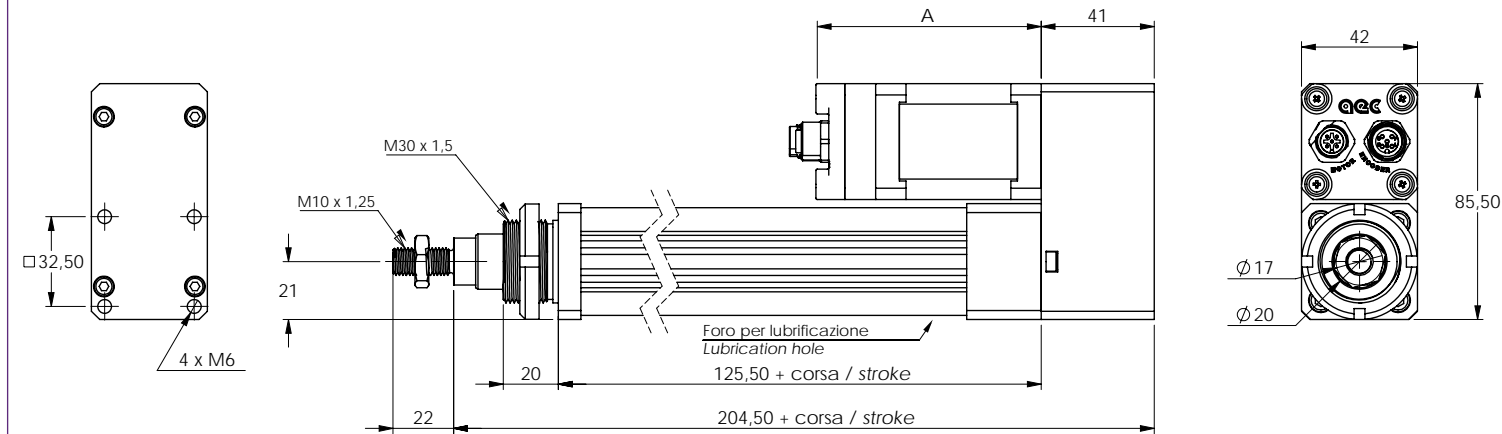
*Curve di coppia a pag.12
Torque curves on page 12



Mechanical dimensions

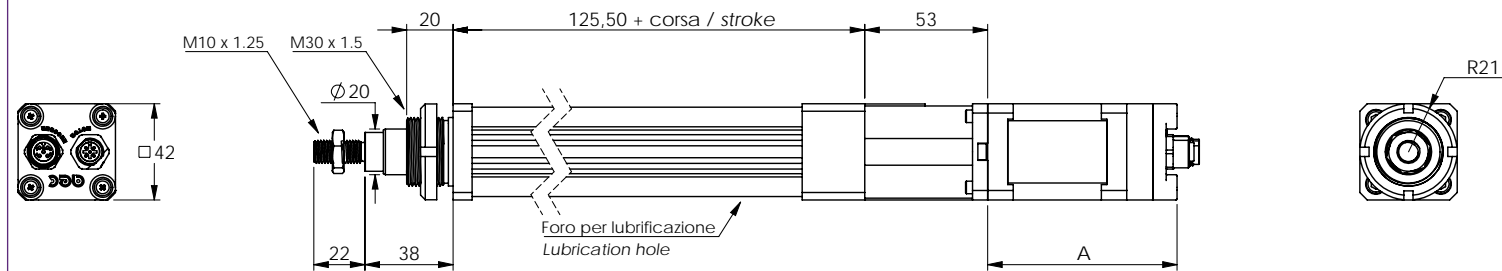
Montaggio motore rinviato

Gear parallel transmission



Montaggio motore diretto

In line direct transmission



Le dimensioni sono espresse in mm. • *Dimensions are in mm.*

Masse dei cilindri / Mass of cylinders

	CILINDRO DIRETTO	CILINDRO RIVIATO	
Motor	Massa corsa 0 (gr)	Massa corsa 0 (gr)	Massa per mm di corsa (gr/mm)
M42SH33-Txx	635	1110	3,5
M42SH47-Txx	725	1200	
M42SH60-Txx	905	1380	

Specifications

Modello <i>Model</i>	Passo vite <i>Screw pitch</i>	Tipo vite <i>Screw type</i>	Max carico dinamico * <i>Max dynamic load *</i>	Max carico statico * <i>Max static load *</i>	Antirotazione <i>Anti-rotation</i>	Precisione di posizio- namento <i>Positioning accuracy</i>	Ripetibilità <i>Repeata- bility</i>	Gioco assiale massimo <i>Maximum backlash</i>	Forza max spinta/tiro <i>Max push/ pull force</i>
	mm		N	N		mm	mm	mm	N
IEC025xxx	10	ricircolo di sfere <i>ballscrew</i>	2500	3900	●	±0,02	±0,01	±0,02	210

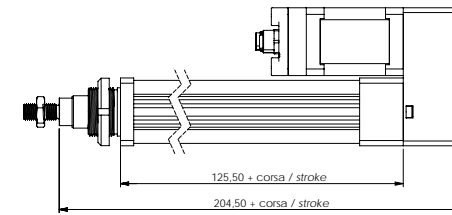
* Massimo carico applicabile al cilindro, indipendente dalla coppia del motore

* Maximum load applicable to the cylinder, independent from the torque of the motor

● = Standard • *Standard*

○ = Su richiesta • *On request*

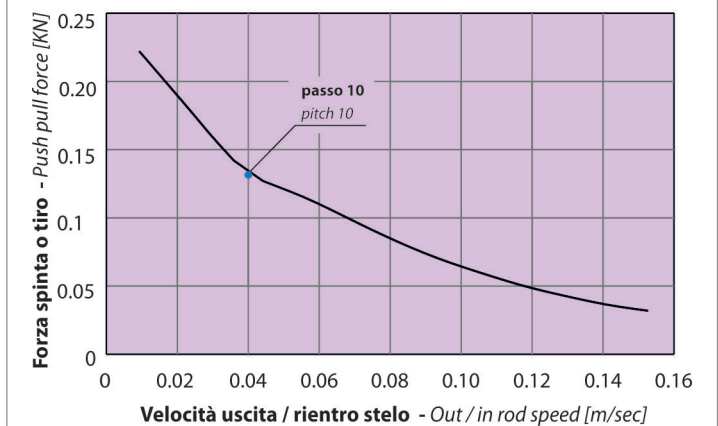
Corse cilindri / *Cylinder strokes*

[illegible]

● = Standard • *Standard* / ○ = Su richiesta • *On request*

Grafico forza / velocità – Force / speed graphs

Motore M42SH60 - Tensione di alimentazione 24Vdc

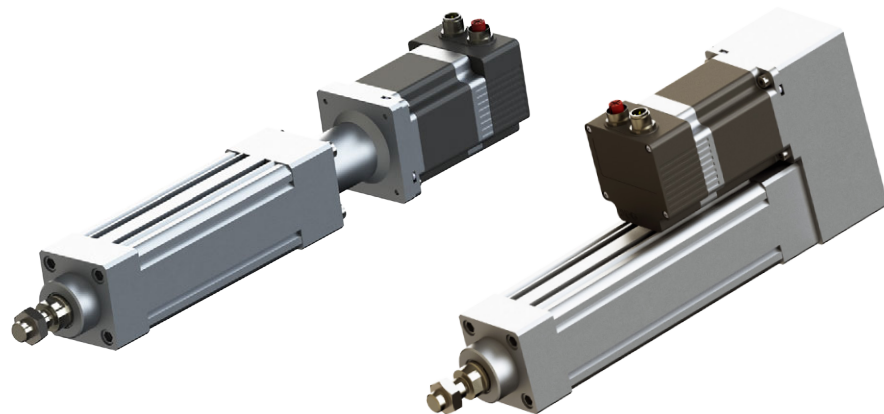


Servo electric cylinder stage

MOTORI ABBINABILI *
MATCHING MOTORS *

Motor	A
M60SH65-Txx	97
M60SH86-Txx	118

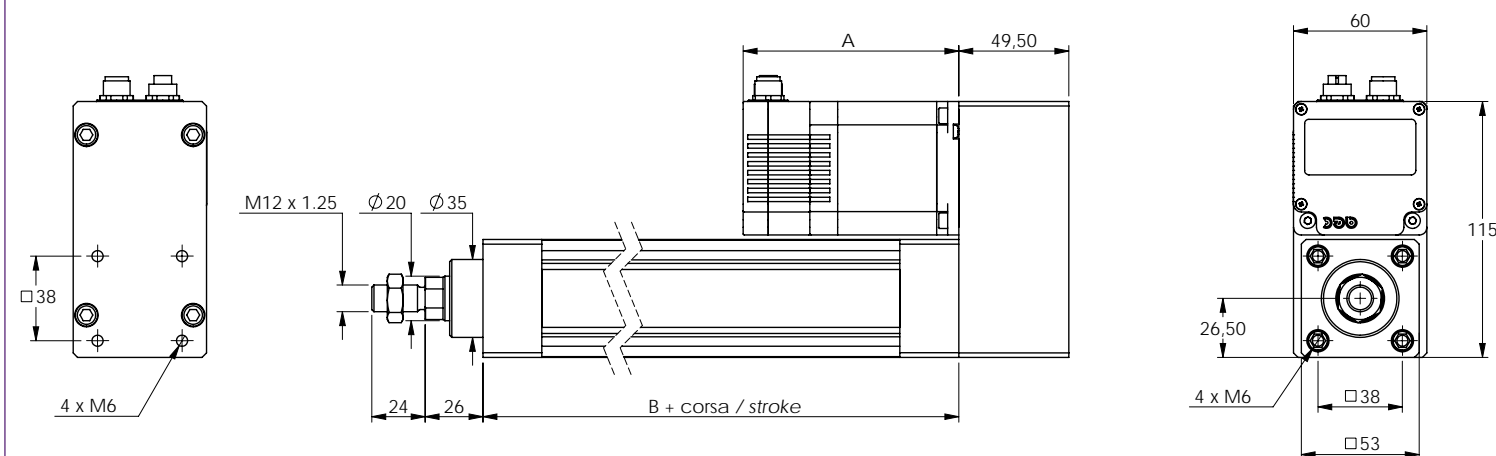
*Curve di coppia a pag.12
Torque curves on page 12



Mechanical dimensions

Montaggio motore rinviato

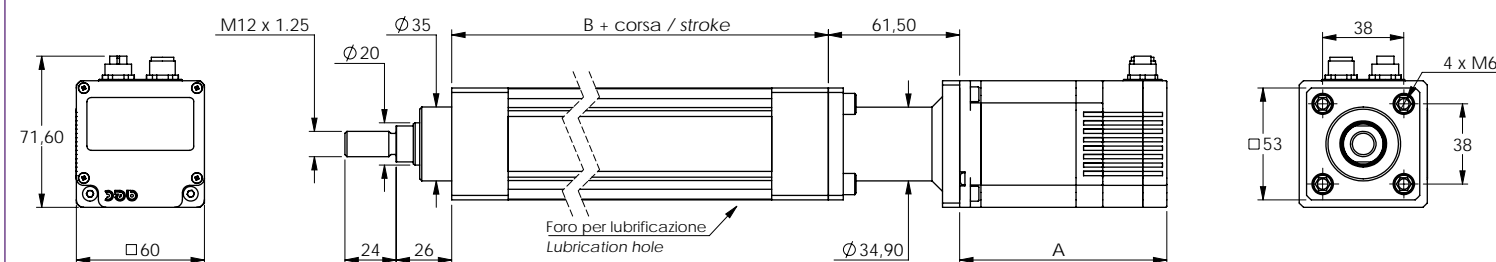
Gear parallel transmission



Passo della vite <i>Screw pitch</i>	B
5	129,50
12	140

Montaggio motore diretto

In line direct transmission



Le dimensioni sono espresse in mm. • *Dimensions are in mm.*

Masse dei cilindri / Mass of cylinders

	CILINDRO DIRETTO	CILINDRO RIVIATO	
Motor	Massa corsa 0 (gr)	Massa corsa 0 (gr)	Massa per mm di corsa (gr/mm)
M60SH65-Txx	2490	3160	4,6
M60SH86-Txx	2690	3360	

Specifications

Modello <i>Model</i>	Passo vite <i>Screw pitch</i>	Tipo vite <i>Screw type</i>	Max carico dinamico * <i>Max dynamic load *</i>	Max carico statico * <i>Max static load *</i>	Antirotazione <i>Anti-rotation</i>	Precisione di posizio- namento <i>Positioning accuracy</i>	Ripetibilità <i>Repeata- bility</i>	Gioco assiale massimo <i>Maximum backlash</i>	Forza max spinta/tiro <i>Max push/ pull force</i>
	<i>mm</i>		<i>N</i>	<i>N</i>		<i>mm</i>	<i>mm</i>	<i>mm</i>	<i>N</i>
IEC040050	5	ricircolo di sfere <i>ballscrew</i>	2650	4600	●	±0,02	±0,01	±0,02	1600
IEC040120	12	ricircolo di sfere <i>ballscrew</i>	5600	6800	●	±0,02	±0,01	±0,02	650

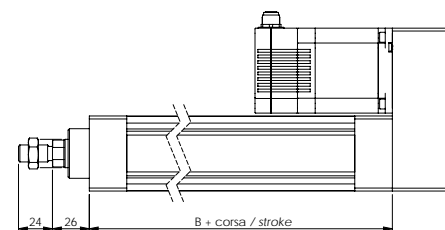
* Massimo carico applicabile al cilindro, indipendente dalla coppia del motore

* Maximum load applicable to the cylinder, independent from the torque of the motor

● = Standard • *Standard*

● = Standard • *Standard*
○ = Su richiesta • *On request*

Corse cilindri / *Cylinder strokes*

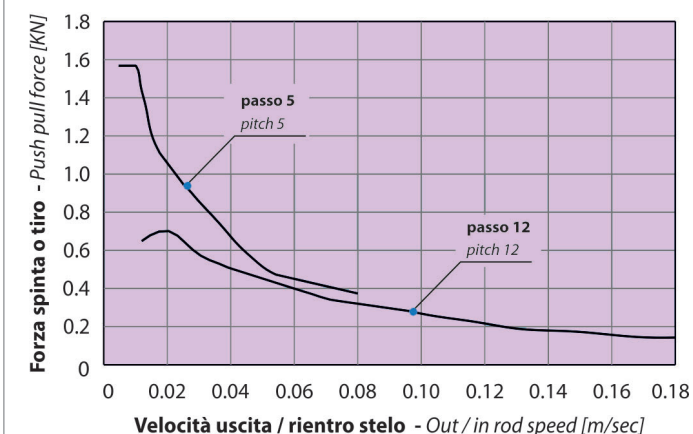


50	100	150	200	250	300	350	400	altre <i>other</i>
●	●	●	●	●	●	●	●	○

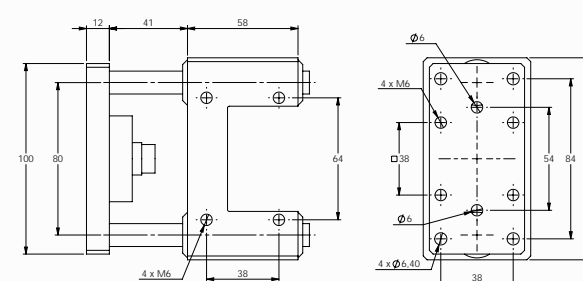
● = Standard • *Standard* / ○ = Su richiesta • *On request*

Grafico forza / velocità – *Force / speed graphs*

Motore M60SH86 - Tensione di alimentazione 60Vdc

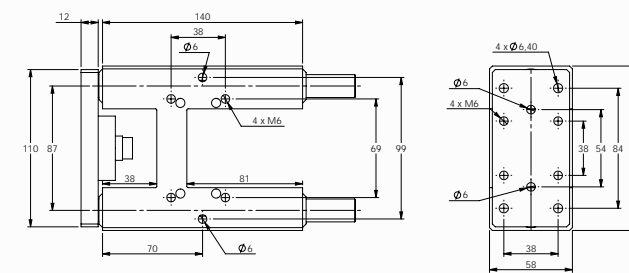


ACCESSORI GUIDASTELO • OPTIONAL LINEAR CONTROL UNIT

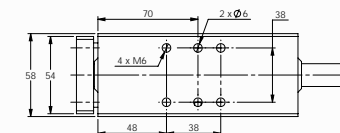


Guidastelo a C

C Linear control unit



Guidastelo a H



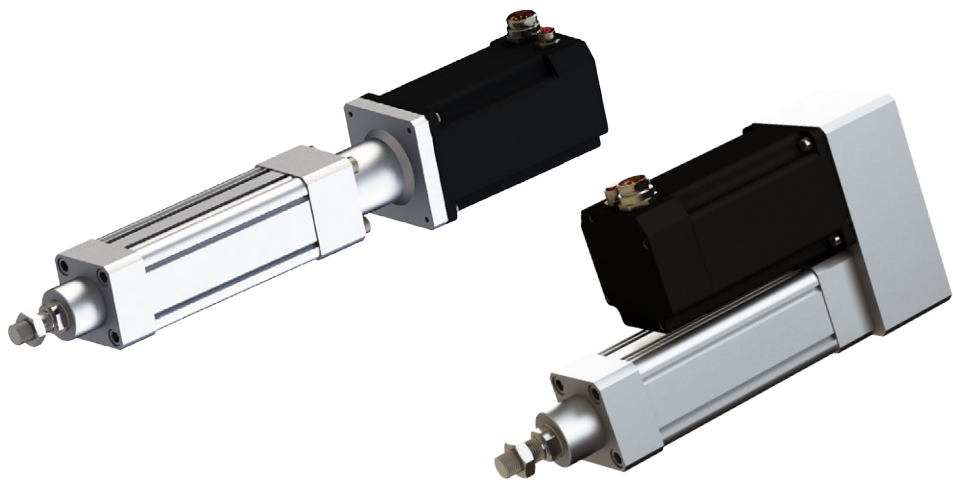
IEC050xxx

Servo electric cylinder stage

MOTORI ABBINABILI * MATCHING MOTORS *

Motor	A
M86SH80-Txx	115
M86SH96-Txx	133
M86SH118-Txx	152
M86SH156-Txx	191

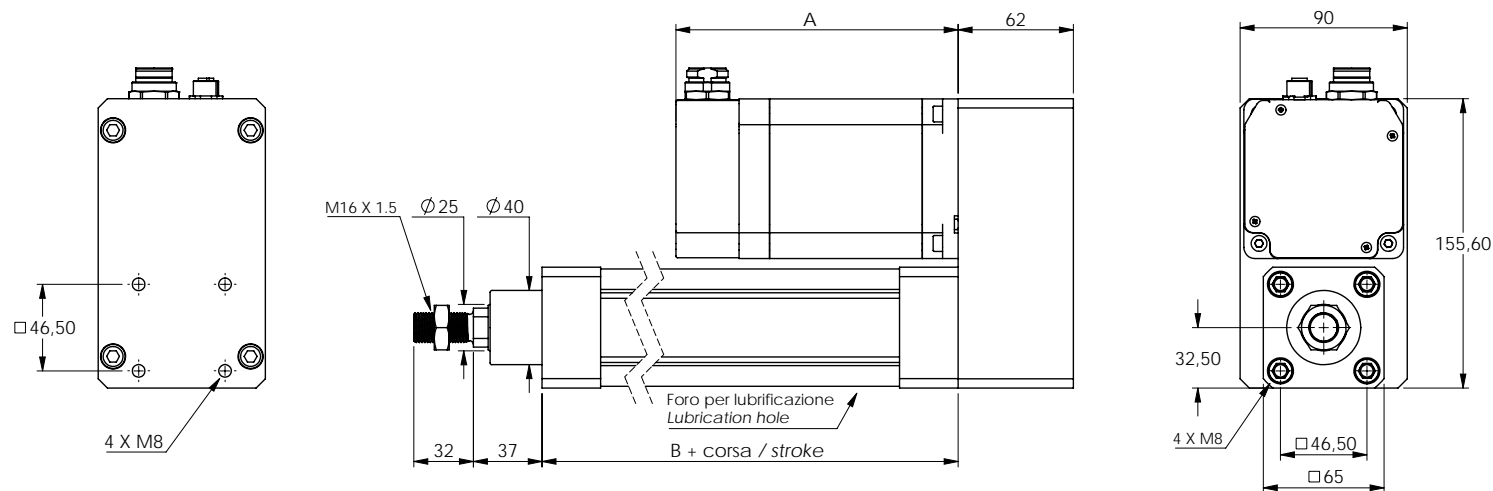
*Curve di coppia a pag.12
Torque curves on page 12



Mechanical dimensions

Montaggio motore rinviato

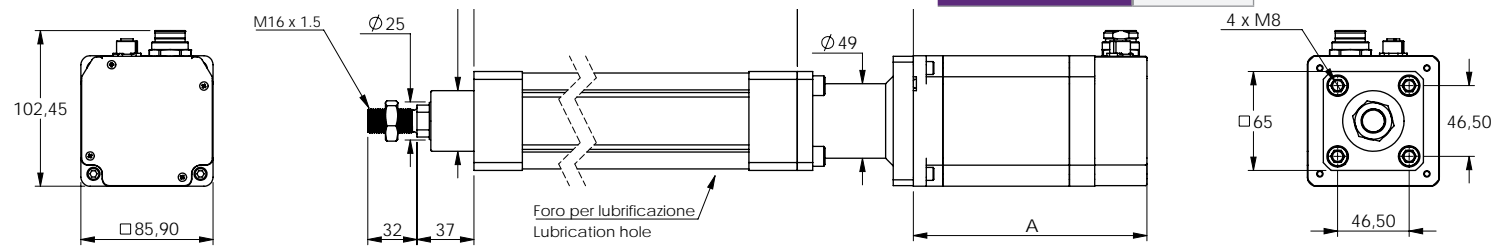
Gear parallel transmission



Passo della vite Screw pitch	B
5	165
10	170
16	176

Montaggio motore diretto

In line direct transmission



Le dimensioni sono espresse in mm. • Dimensions are in mm.

Masse dei cilindri / Mass of cylinders

Motor	CILINDRO DIRETTO Massa corsa 0 (gr)	CILINDRO RIVIATO Massa corsa 0 (gr)	Massa per mm di corsa (gr/mm)
M86SH80-Txx	5080	6930	6,8
M86SH96-Txx	5680	7530	
M86SH118-Txx	6580	8430	
M86SH156-Txx	8180	10030	

Specifications

Modello Model	Passo vite Screw pitch	Tipo vite Screw type	Max carico dinamico * Max dynamic load *	Max carico statico * Max static load *	Antirotazione Anti-rotation	Precisione di posizio- namento Positioning accuracy	Ripetibilità Repeata- bility	Gioco assiale massimo Maximum backlash	Forza max spinta/tiro Max push/ pull force
	mm		N	N		mm	mm	mm	N
IEC050050	5	ricircolo di sfere ballscrew	12000	14000	●	±0,02	±0,01	±0,02	5000
IEC050100	10	ricircolo di sfere ballscrew	10000	14000	●	±0,02	±0,01	±0,02	3300
IEC050160	16	ricircolo di sfere ballscrew	10000	14000	●	±0,02	±0,01	±0,02	2000

* Massimo carico applicabile al cilindro, indipendente dalla coppia del motore

* Maximum load applicable to the cylinder, independent from the torque of the motor

● = Standard • Standard

○ = Su richiesta • On request

Corse cilindri / Cylinder strokes

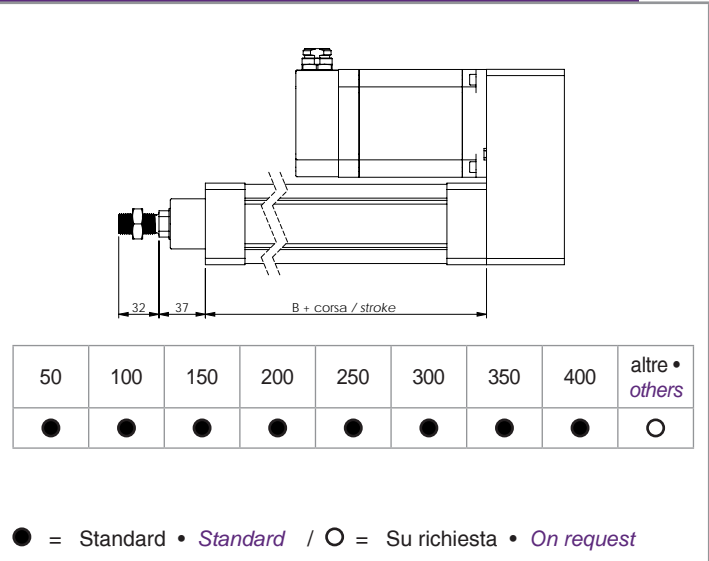
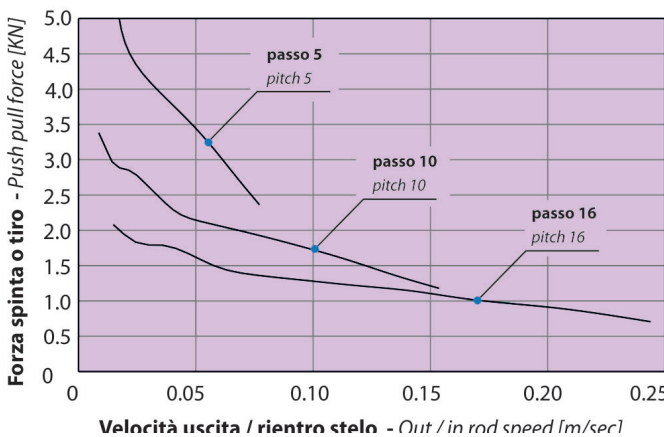
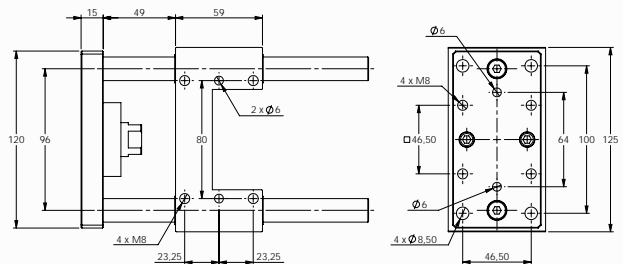


Grafico forza / velocità – Force / speed graphs

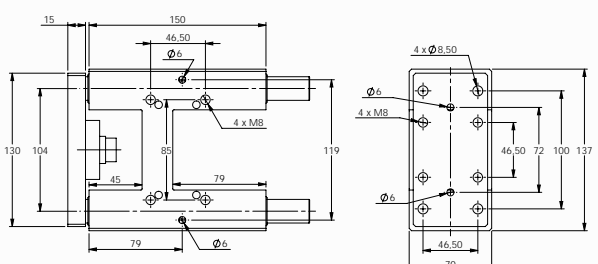
Motore M86SH156 - Tensione di alimentazione 120Vdc



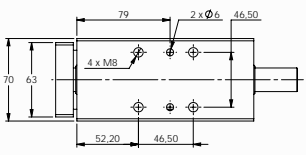
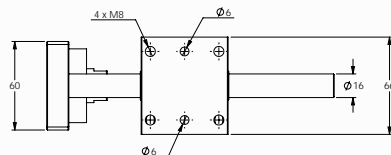
ACCESSORI GUIDASTELO • OPTIONAL LINEAR CONTROL UNIT



Guidastelo a C
C Linear control unit



Guidastelo a H
H Linear control unit



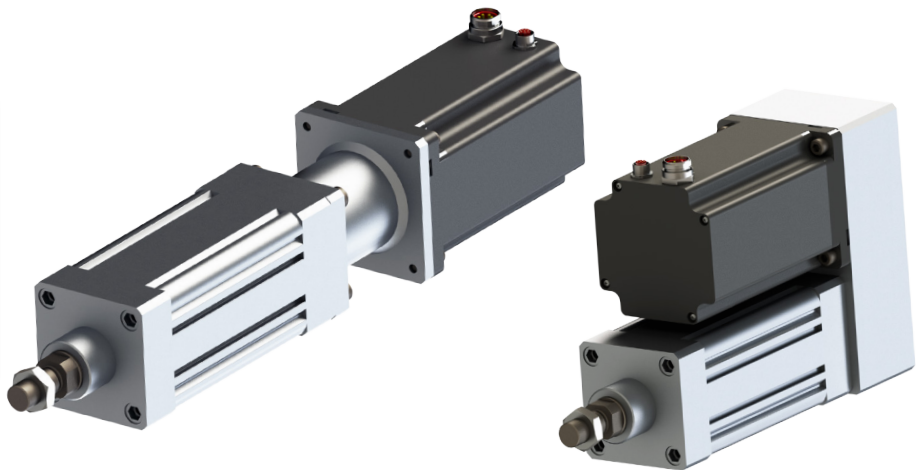
IEC080xxx

Servo electric cylinder stage

MOTORI ABBINABILI * MATCHING MOTORS *

Motor	A
M110SH99-Txx	129
M110SH150-Txx	180
M110SH201-Txx	231

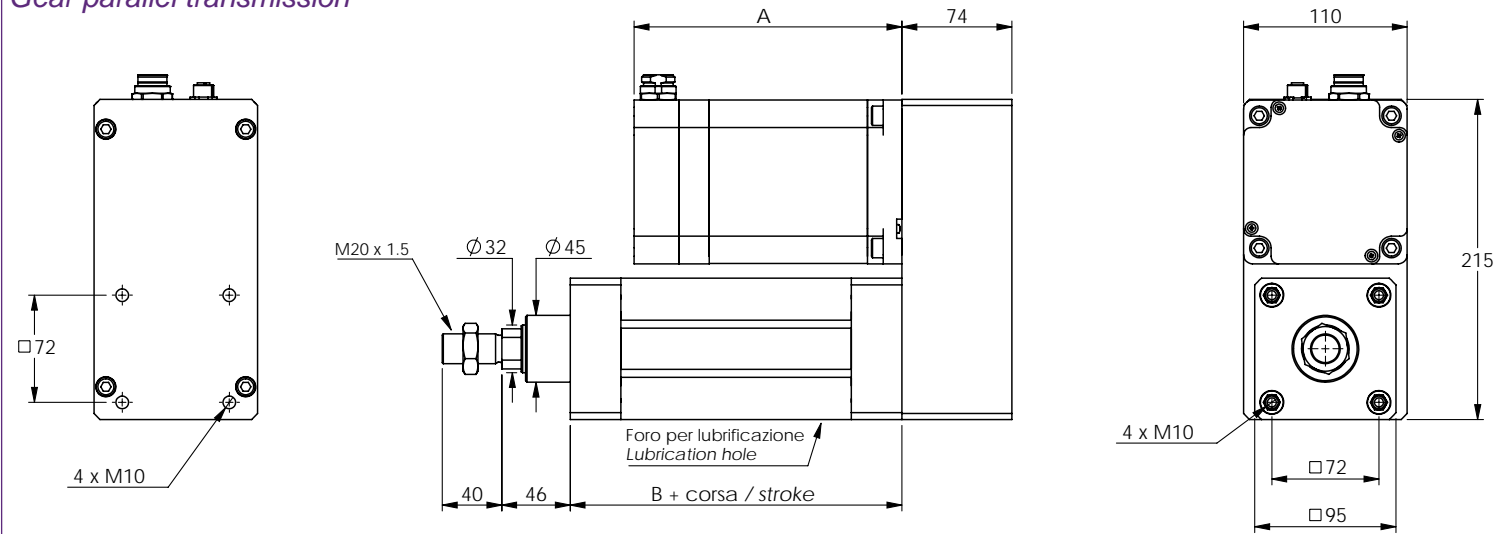
*Curve di coppia a pag.12
Torque curves on page 12



Mechanical dimensions

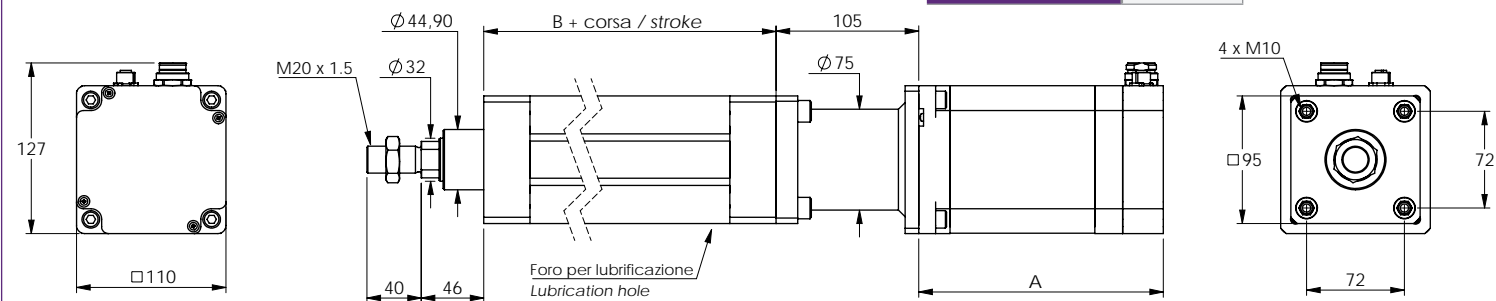
Montaggio motore rinviato

Gear parallel transmission



Montaggio motore diretto

In line direct transmission



Le dimensioni sono espresse in mm. • Dimensions are in mm.

Masse dei cilindri / Mass of cylinders

Motor	CILINDRO DIRETTO Massa corsa 0 (gr)	CILINDRO RIVIATO Massa corsa 0 (gr)	Massa per mm di corsa (gr/mm)
M110SH99-Txx	11250	13200	12,5
M110SH150-Txx	14650	16600	
M110SH201-Txx	17950	19900	

Specifications

Modello Model	Passo vite Screw pitch	Tipo vite Screw type	Max carico dinamico * Max dynamic load *	Max carico statico * Max static load *	Antirrotazione Anti-rotation	Precisione di posizio- namento Positioning accuracy	Ripetibilità Repeata- bility	Gioco assiale massimo Maximum backlash	Forza max spinta/tiro Max push/ pull force
	mm		N	N		mm	mm	mm	N
IEC080050	5	ricircolo di sfere ballscrew	15000	20000	●	±0,02	±0,01	±0,02	12000
IEC080100	10	ricircolo di sfere ballscrew	10000	20000	●	±0,02	±0,01	±0,02	5800
IEC080200	20	ricircolo di sfere ballscrew	13000	20000	●	±0,02	±0,01	±0,02	2500

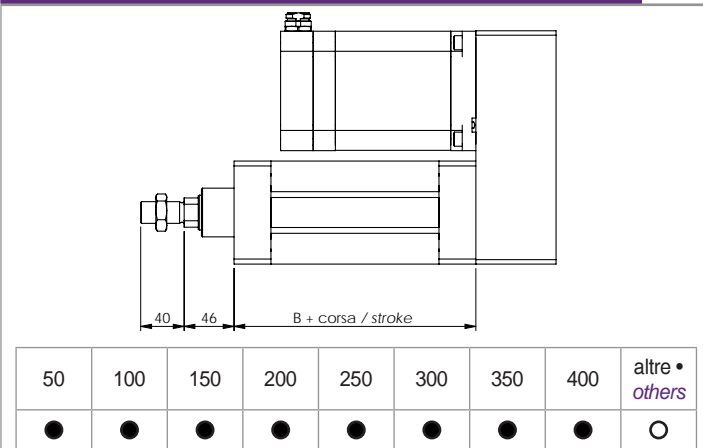
* Massimo carico applicabile al cilindro, indipendente dalla coppia del motore

* Maximum load applicable to the cylinder, independent from the torque of the motor

● = Standard • Standard

○ = Su richiesta • On request

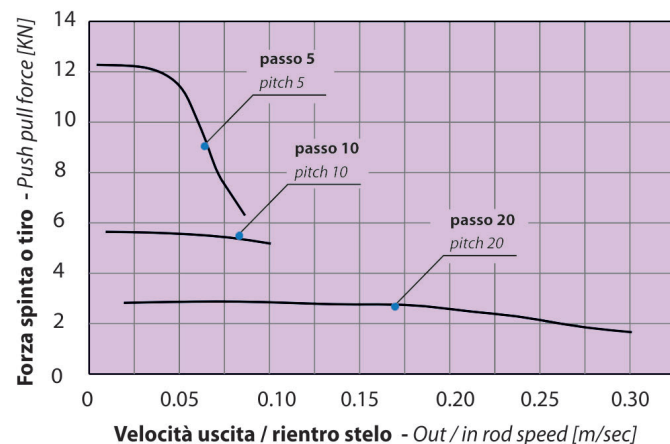
Corse cilindri / Cylinder strokes



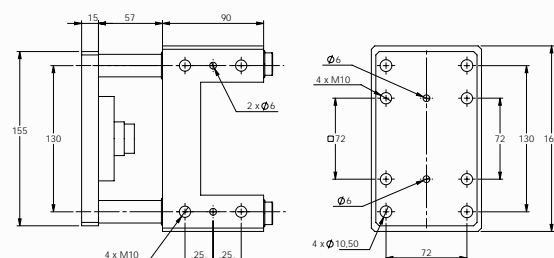
● = Standard • Standard / ○ = Su richiesta • On request

Grafico forza / velocità – Force / speed graphs

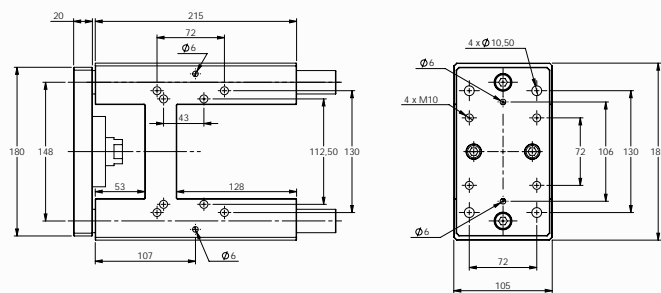
Motore M110SH150 - Tensione di alimentazione 120Vdc



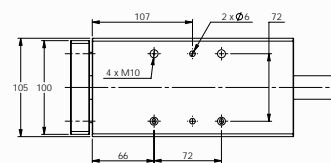
ACCESSORI GUIDASTELO • OPTIONAL LINEAR CONTROL UNIT



Guidastelo a C
C Linear control unit



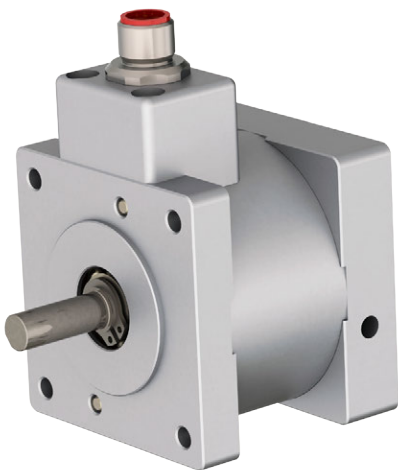
Guidastelo a H
H Linear control unit



FRENI ELETTRICOMAGNETICI • ELECTROMAGNETIC BRAKES

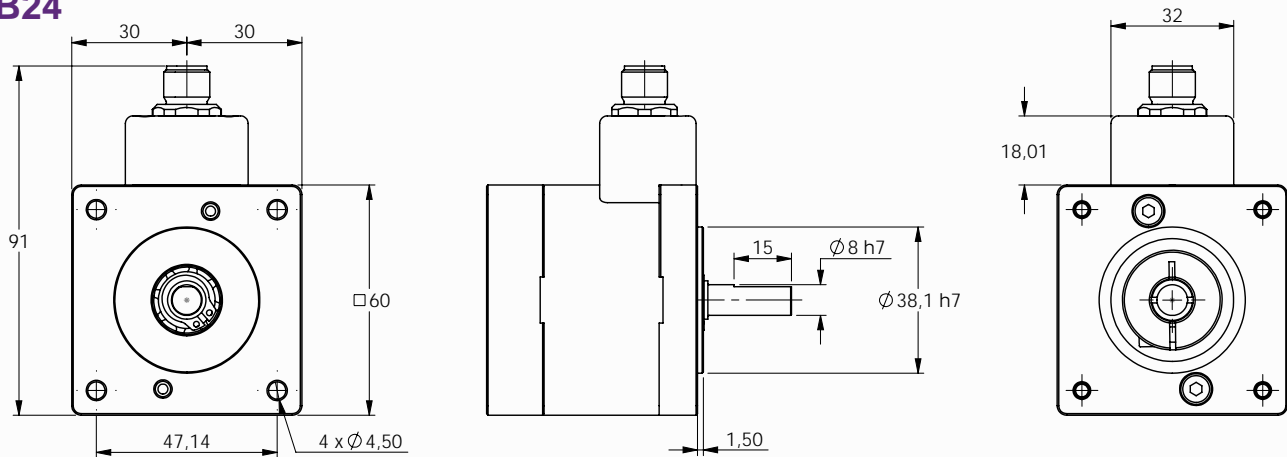
L'EB24 e l'EB34 sono dei freni elettricomicagnetici monodisco negativo, chiusi a pressione di molle e dotati di flangia NEMA per un montaggio in linea, semplice e rapido. Vengono utilizzati per funzionamento a secco come freno di sicurezza o di stazionamento.

Caratteristiche		EB24	EB34	U.M.
Coppia di frenatura		1,5	3,0	Nm
Max coppia in uscita		5	13	Nm
Max forza assiale applicabile		5	10	N
Max forza radiale applicabile		5	10	N
Tempo intervento	Inserzione	10	17	ms
	Disinserzione	21	35	ms
Velocità massima		3000	3000	RPM
Inerzia		9	70	gcm ²
Temperatura di esercizio		-10 .. +90	-10 .. +90	°C
Temperatura di ambiente		-10 .. +60	-10 .. +60	°C
Umidità di lavoro (senza condensa)		max 95%	max 95%	%HR
Peso		750	1850	g
Alimentazione		24	24	V _{dc}
Potenza		15	24	W

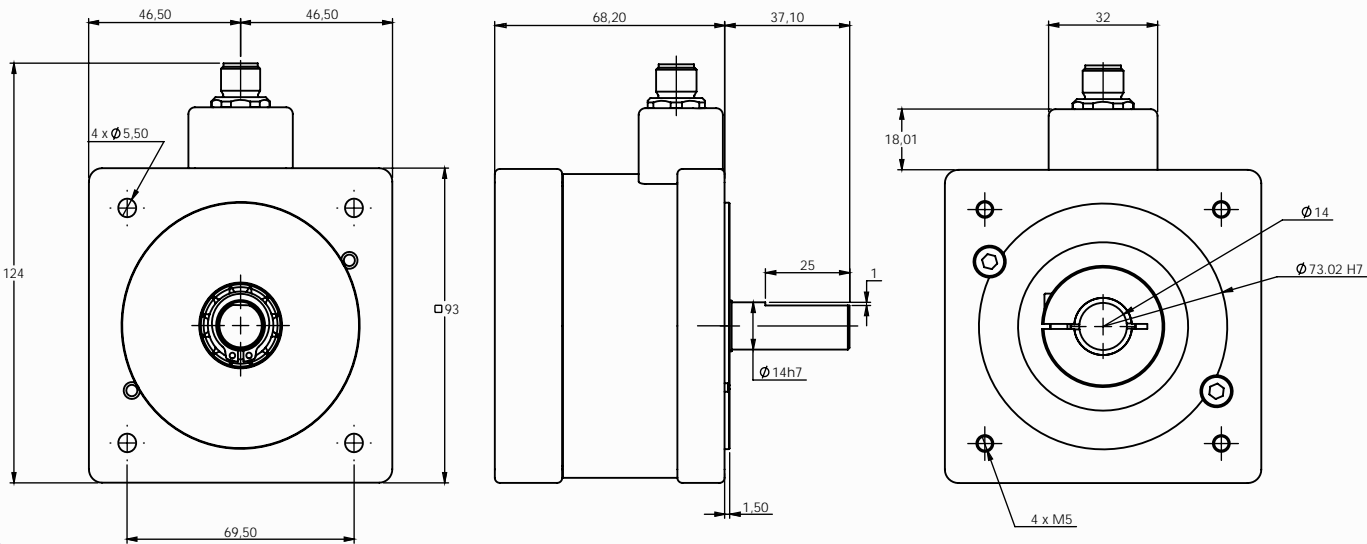


Dimensioni meccaniche

EB24



EB34



SENSORI DI FINE CORSA • LIMIT SWITCHES

Tipo • Type	Circuito • Circuit	Modello • Model	Codice • Code
		Sensore effetto Hall H	SENH-C-M8

CODICE D'ORDINE • ORDERING CODE

Modello • Model

Alesaggio 25 • Bore 25
Alesaggio 40 • Bore 40
Alesaggio 50 • Bore 50
Alesaggio 80 • Bore 80

Passo vite • Screw pitch

p = 5 mm
p = 10 mm
p = 12 mm
p = 16 mm
p = 20 mm

Corsa • Stroke

50 mm
100 mm
150 mm
200 mm
250 mm
300 mm
350 mm
400 mm
Altre corse su richiesta • Other strokes on request

IEC **xxx** **xxx** **xxxx** **xx** **xxx** **xx** **xx**

Unità di guida
Linear control unit

CB
HB
HR

"C" con bronzine • with brass bearing
"H" con bronzine • with brass bearing
"H" con cuscinetti a sfera • with ball bushing

Freno elettricomicagnetico • Electomagnetic brake

BC
BF

Uscita connettore (solo EB34) • Connector output (only EB34)
Uscita cavi • Wires output

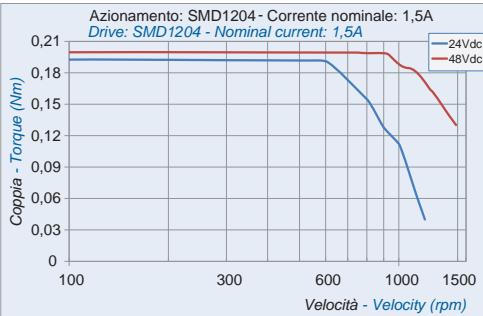
Codice motore • Motor code

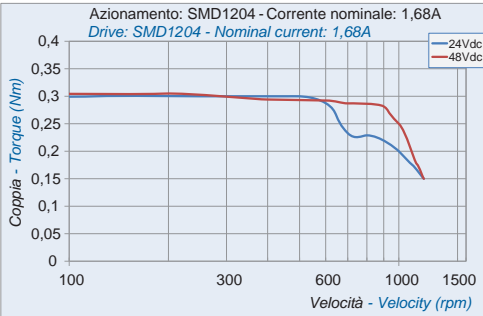
Mxx

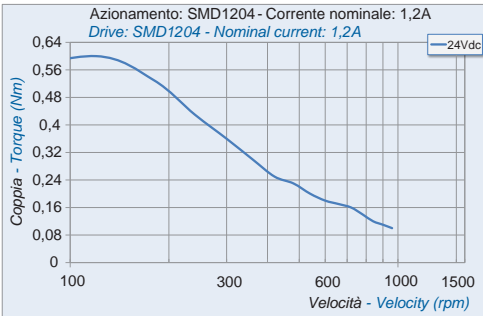
Accoppiamento motore • Motor coupling

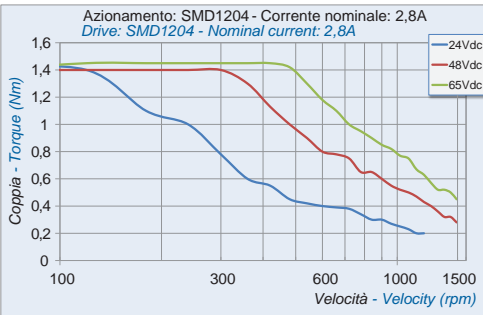
D1 **R1**

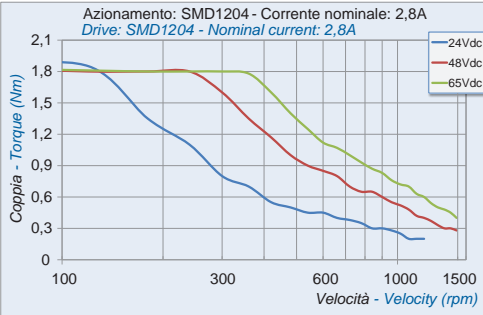
Tabella motori

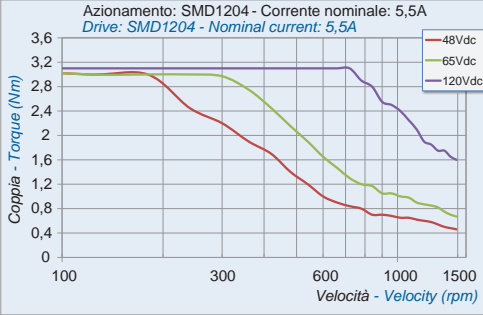
M42SH33-Tx	Codice motore <i>Motor code</i>	Corrente di fase <i>Phase current</i>	Coppia di mantenimento <i>Holding torque</i>	Encoder <i>Encoder</i>	Impulsi/ giro encoder <i>Encoder pulse/revolution</i>	
M42SH33-T-C	M117	1,5 A	0,23 Nm	-	-	
M42SH33-TO0512P24C	M140	1,5 A	0,23 Nm	Push-pull	512	
M42SH33-TO0512L05C	M130	1,5 A	0,23 Nm	Line-driver	512	

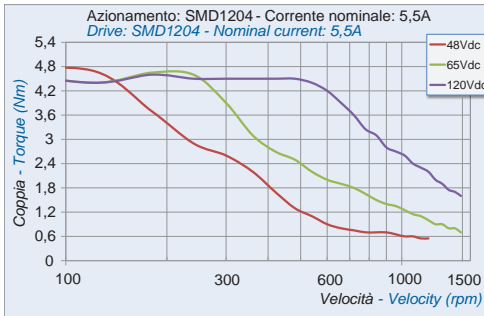
M42SH47-Tx	Codice motore <i>Motor code</i>	Corrente di fase <i>Phase current</i>	Coppia di mantenimento <i>Holding torque</i>	Encoder <i>Encoder</i>	Impulsi/ giro encoder <i>Encoder pulse/revolution</i>	
M42SH47-T-C	M111	1,68 A	0,44 Nm	-	-	
M42SH47-TO0512P24C	M141	1,68 A	0,44 Nm	Push-pull	512	
M42SH47-TO0512L05C	M131	1,68 A	0,44 Nm	Line-driver	512	

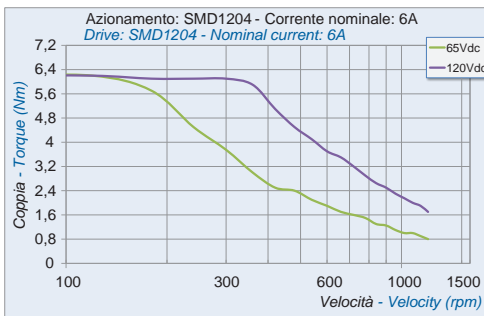
M42SH60-Tx	Codice motore <i>Motor code</i>	Corrente di fase <i>Phase current</i>	Coppia di mantenimento <i>Holding torque</i>	Encoder <i>Encoder</i>	Impulsi/ giro encoder <i>Encoder pulse/revolution</i>	
M42SH60-T-C	M112	1,2 A	0,8 Nm	-	-	
M42SH60-TO0512P24C	M142	1,2 A	0,8 Nm	Push-pull	512	
M42SH60-TO0512L05C	M132	1,2 A	0,8 Nm	Line-driver	512	

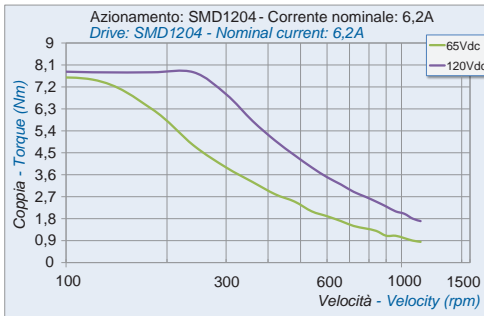
M60SH65-Tx	Codice motore <i>Motor code</i>	Corrente di fase <i>Phase current</i>	Coppia di mantenimento <i>Holding torque</i>	Encoder <i>Encoder</i>	Impulsi/ giro encoder <i>Encoder pulse/revolution</i>	
M60SH65-T-C	M02	2,8 A	2,1 Nm	-	-	
M60SH65-TO0512P24C	M90	2,8 A	2,1 Nm	Push-pull	512	
M60SH65-TO0512L05C	M81	2,8 A	2,1 Nm	Line-driver	512	

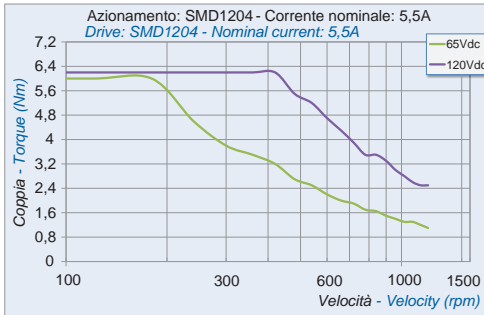
M60SH86-Tx	Codice motore <i>Motor code</i>	Corrente di fase <i>Phase current</i>	Coppia di mantenimento <i>Holding torque</i>	Encoder <i>Encoder</i>	Impulsi/ giro encoder <i>Encoder pulse/revolution</i>	
M60SH86-T-C	M06	2,8 A	3,1 Nm	-	-	
M60SH86-TO0512P24C	M91	2,8 A	3,1 Nm	Push-pull	512	
M60SH86-TO0512L05C	M82	2,8 A	3,1 Nm	Line-driver	512	

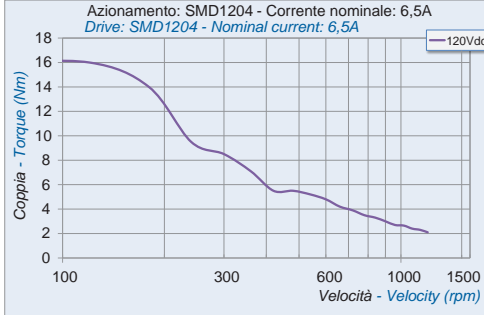
M86SH80-Tx	Codice motore <i>Motor code</i>	Corrente di fase <i>Phase current</i>	Coppia di mantenimento <i>Holding torque</i>	Encoder <i>Encoder</i>	Impulsi/ giro encoder <i>Encoder pulse/revolution</i>	
M86SH80-T-C	M15	5,5 A	4,6 Nm	-	-	
M86SH80-TO0512P24C	M92	5,5 A	4,6 Nm	Push-pull	512	
M86SH80-TO0512L05C	M83	5,5 A	4,6 Nm	Line-driver	512	

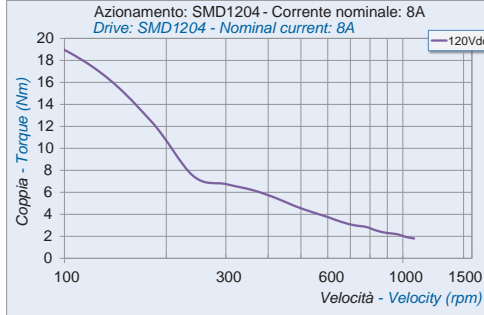
M86SH96-Tx	Codice motore <i>Motor code</i>	Corrente di fase <i>Phase current</i>	Coppia di mantenimento <i>Holding torque</i>	Encoder <i>Encoder</i>	Impulsi/ giro encoder <i>Encoder pulse/revolution</i>	
M86SH96-T-C	M216	5,6 A	6,5 Nm	-	-	
M86SH96-TO0512P24C	M217	5,6 A	6,5 Nm	Push-pull	512	
M86SH96-TO0512L05C	M218	5,6 A	6,5 Nm	Line-driver	512	

M86SH118-Tx	Codice motore <i>Motor code</i>	Corrente di fase <i>Phase current</i>	Coppia di mantenimento <i>Holding torque</i>	Encoder <i>Encoder</i>	Impulsi/ giro encoder <i>Encoder pulse/revolution</i>	
M86SH118-T-C	M18	6,0 A	8,7 Nm	-	-	
M86SH118-TO0512P24C	M93	6,0 A	8,7 Nm	Push-pull	512	
M86SH118-TO0512L05C	M84	6,0 A	8,7 Nm	Line-driver	512	

M86SH156-Tx	Codice motore <i>Motor code</i>	Corrente di fase <i>Phase current</i>	Coppia di mantenimento <i>Holding torque</i>	Encoder <i>Encoder</i>	Impulsi/ giro encoder <i>Encoder pulse/revolution</i>	
M86SH156-T-C	M22	6,2 A	12,8 Nm	-	-	
M86SH156-TO0512P24C	M94	6,2 A	12,8 Nm	Push-pull	512	
M86SH156-TO0512L05C	M85	6,2 A	12,8 Nm	Line-driver	512	

M110SH99-Tx	Codice motore <i>Motor code</i>	Corrente di fase <i>Phase current</i>	Coppia di mantenimento <i>Holding torque</i>	Encoder <i>Encoder</i>	Impulsi/ giro encoder <i>Encoder pulse/revolution</i>	
M110SH99-T-C	M32	5,5 A	11,2 Nm	-	-	
M110SH99-TO0512P24C	M95	5,5 A	11,2 Nm	Push-pull	512	
M110SH99-TO0512L05C	M86	5,5 A	11,2 Nm	Line-driver	512	

M110SH150-Tx	Codice motore <i>Motor code</i>	Corrente di fase <i>Phase current</i>	Coppia di mantenimento <i>Holding torque</i>	Encoder <i>Encoder</i>	Impulsi/ giro encoder <i>Encoder pulse/revolution</i>	
M110SH150-T-C	M36	6,5 A	22 Nm	-	-	
M110SH150-TO0512P24C	M96	6,5 A	22 Nm	Push-pull	512	
M110SH150-TO0512L05C	M87	6,5 A	22 Nm	Line-driver	512	

M110SH201-Tx	Codice motore <i>Motor code</i>	Corrente di fase <i>Phase current</i>	Coppia di mantenimento <i>Holding torque</i>	Encoder <i>Encoder</i>	Impulsi/ giro encoder <i>Encoder pulse/revolution</i>	
M110SH201-T-C	M40	8,0 A	30 Nm	-	-	
M110SH201-TO0512P24C	M97	8,0 A	30 Nm	Push-pull	512	
M110SH201-TO0512L05C	M88	8,0 A	30 Nm	Line-driver	512	

Cavi a posa mobile

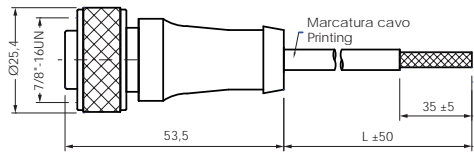
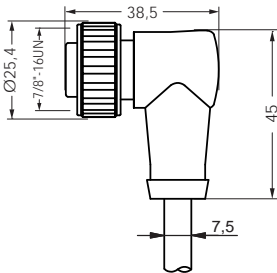
Cavo motori serie M86SH ed M110SH con connettore 7/8" precablato

Modello - <i>model</i>	Nr. conduttori	Sezione	Caratteristiche	Materiale guaina	Materiale isolante	Diametro esterno	Lunghezza
	nr. of wires	Section	Characteristics	Sheat material	Insulation material	Outer diameter	Length
	N	mm ²				mm	m
CONV05FDR78C04SU100	4 + 1	1,00	UL-CSA 300 V 80°C	PUR	PP 9Y	7,4	4
CONV05FDR78C12SU100	4 + 1	1,00	UL-CSA 300 V 80°C	PUR	PP 9Y	7,4	12

CONV05Fxx78CxxSU100

Cavo motore preassemblato
7/8" 5 vie femmina

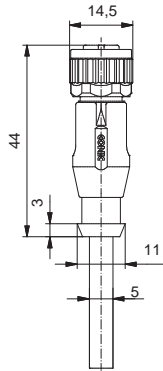
7/8" 5 ways female \neq
preassembled motor cable



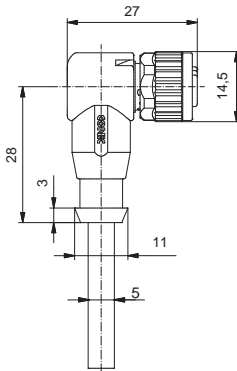
Phase A	1	BLACK
Phase A -	2	BLUE
Ground	3	YELLOW/GREEN
Phase B	4	BN
Phase B -	5	WH

Cavo motori serie M42SH/M57SH/M60SH con connettore M12 precablato

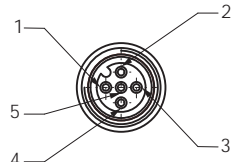
Modello - <i>model</i>	Connettore	Nr. conduttori	Sezione	Caratteristiche	Materiale guaina	Materiale isolante	Diametro esterno	Lunghezza
	Connector	nr. of wires	Section	Characteristics	Sheat material	Insulation material	Outer diameter	Length
		N	mm ²				mm	m
CONV05FM12C04SU034	Dritto	5	0,34	UL20549	PUR	PP 9Y	5,8	4
CONV05FDRM12C12SU034	Dritto	5	0,34	UL20549	PUR	PP 9Y	5,8	12
CONV05F90M12C04SU034	Angolato	5	0,34	UL20549	PUR	PP 9Y	5,8	4



Dritto



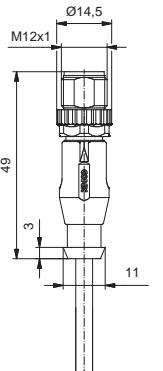
Angolato



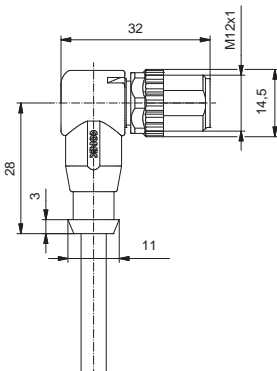
Phase A -	1	BROWN (BN)
Phase A	2	WHITE (WH)
Phase B -	3	BLUE (BL)
Phase B	4	BLACK (BK)
Ground	5	GREY (GY)

Cavo encoder Push Pull con connettore M12 precablato

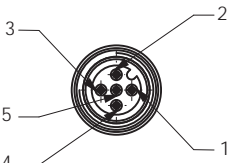
Modello - <i>model</i>	Connettore	Nr. conduttori	Sezione	Caratteristiche	Materiale guaina	Materiale isolante	Diametro esterno	Lunghezza
	Connector	nr. of wires	Section	Characteristics	Sheat material	Insulation material	Outer diameter	Length
		N	mm ²				mm	m
CONV05MDRM12C04SU025	Dritto	5	0,25	UL20549	PUR	PP 9Y	5,5	4
CONV05MDRM12C12SU025	Dritto	5	0,25	UL20549	PUR	PP 9Y	5,5	12
CONV05M90M12C04SU025	Angolato	5	0,25	UL20549	PUR	PP 9Y	5,5	4



Dritto



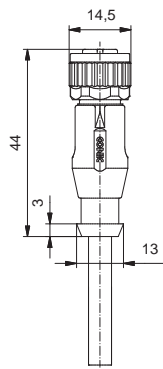
Angolato



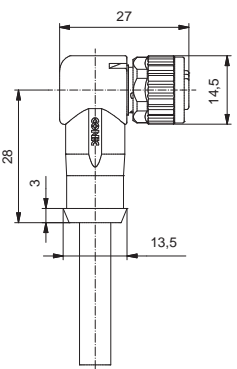
+24 Vdc	1	BROWN (BN)
Channel A	2	WHITE (WH)
Ground	3	BLUE (BL)
Channel B	4	BLACK (BK)
Channel Z	5	GREY (GY)

Cavo encoder Line Driver con connettore M12 precablato

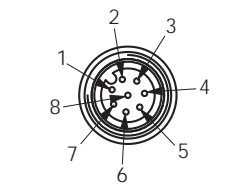
Modello - <i>model</i>	Connettore	Nr. conduttori	Sezione	Caratteristiche	Materiale guaina	Materiale isolante	Diametro esterno	Lunghezza
	Connector	nr. of wires	Section	Characteristics	Sheat material	Insulation material	Outer diameter	Length
		N	mm ²				mm	m
CONV08FDRM12C04SU025	Dritto	8	0,25	UL20549	PUR	PP 9Y	6,4	4
CONV08FDRM12C12SU025	Dritto	8	0,25	UL20549	PUR	PP 9Y	6,4	12
CONV08F90M12C04SU025	Angolato	8	0,25	UL20549	PUR	PP 9Y	6,4	4



Dritto



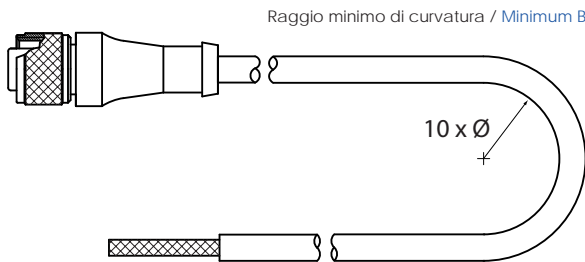
Angolato



Ch. Z+	1	WHITE (WH)
+Vin	2	BROWN (BN)
Ch. A +	3	GREEN (GN)
Ch. A -	4	YELLOW (YL)
Ch. B +	5	GREY (GY)
Ch. B -	6	PINK (PK)
Common	7	BLUE (BL)
Ch. Z -	8	RED (RD)

SPECIFICHE	UM	CONV05Fxx78CxxSU100	CONV05FxxM12CxxSU034	CONV05MxxM12CxxSU025	CONV08FxxM12CxxSU025
Temperatura posa mobile / Dynamic laying temperature	°C	-30 .. +80	-25 .. +80	-25 .. +80	-25 .. +80
Temperatura posa fissa / Static laying temperature	°C	-30 .. +80	-25 .. +80	-25 .. +80	-25 .. +80
Formazione sezione / Stranding	N x mm	cl 6	32 x 0,10	42 x 0,10	32 x 0,10
Raggio di curvatura / Banding radius min	mm	10 x Ø	10 x Ø	10 x Ø	10 x Ø
Tensione nominale / Nominale voltage	V	300	300	300	300
Tensione di prova / Testing voltage	V	2000	2000	2000	2000
Note materiale guaina / Sheat material notes		Halogen free	Halogen free	Halogen free	Halogen free
Note materiale isolante / Insulation material notes		Halogen free	Halogen free	Halogen free	Halogen free
Colore / Colour		Black	Black	Black	Black

SIGLA	DESCRIZIONE
BK	Nero / Black
BN	Marrone / Brown
BU	Blu / Blue
GN	Verde / Green
GY	Grigio / Grey
PK	Rosa / Pink
RD	Rosso / Red
YE	Giallo / Yellow
WH	Bianco / White



Ø = Diametro esterno del cavo / External cable diameter



Attuatori lineari

- *Assi lineari a vite senza fine*
- *Assi lineari a cinghia*
- *Cilindri elettrici ISO*
- *Pick and Place*



Attuatori rotativi

- *Tavole rotanti programmabili autoportanti*
- *Cambio formato*
- *Orientamento pezzi*



Sistemi di trasporto

- *Nastri di trasporto a passo variabile*
- *Rulliere a velocità controllata*
- *Motoriduttori a gioco ridotto*



Sistemi di svolgimento

- *Applicatori di etichette*
- *Svolgitori a passo costante e variabile*
- *Sfogliatori*

AEC s.r.l.

Via Zambon, 33/A • 36051 Creazzo (VI) • Tel. +39 0444 370088
info@aec-smd.it • www.aec-smd.it