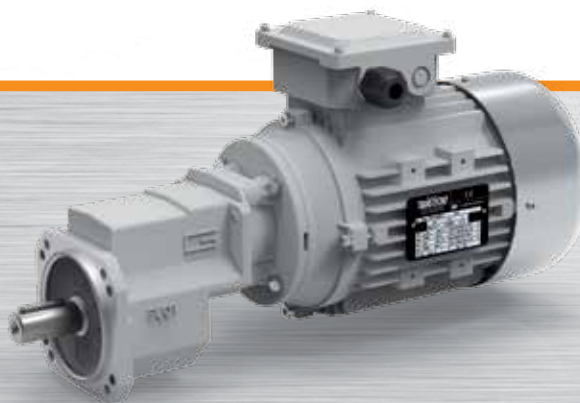
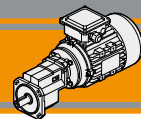




Motoriduttori ad ingranaggi cilindrici monostadio Single stage helical gearmotors

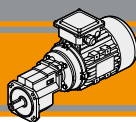




		Pag. Page
Indice	Index	
Caratteristiche tecniche	<i>Technical features</i>	12
Designazione	<i>Classification</i>	12
Sensi di rotazione	<i>Direction of rotation</i>	12
Lubrificazione	<i>Lubrication</i>	13
Carichi radiali	<i>Radial loads</i>	13
Simbologia	<i>Symbols</i>	13
Dati tecnici	<i>Technical data</i>	13
Motori applicabili	<i>IEC Motor adapters</i>	14
Dimensioni	<i>Dimensions</i>	14

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PU

Motoriduttori ad ingranaggi cilindrici monostadio

Single stage helical gearmotors

Caratteristiche tecniche

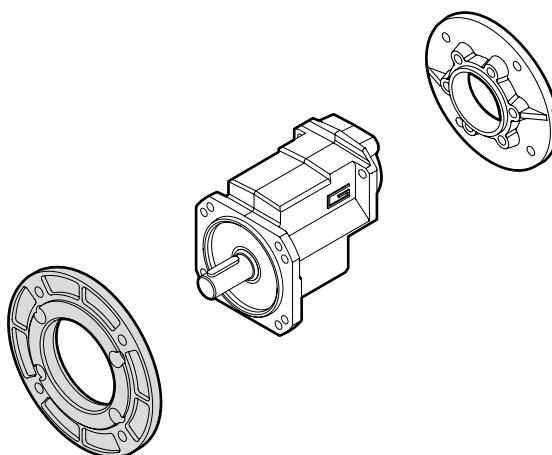
I motoriduttori monostadio ad ingranaggi cilindrici della serie PU hanno le seguenti caratteristiche principali:

- Carcassa, flangia entrata e flangia uscita in pressofusione di alluminio;
- Ingranaggi cilindrici a denti elicoidali, induriti e rettificati;
- Lubrificazione permanente con olio sintetico.

Technical features

PU single stage helical gearmotor range has the following main features:

- Die-cast aluminium housings, input and output flanges;
- Ground-hardened helical gears;
- Permanent synthetic oil long-life lubrication.

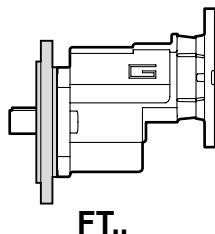
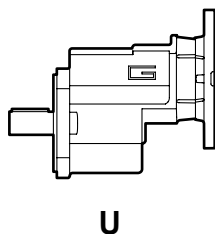


Designazione

Classification

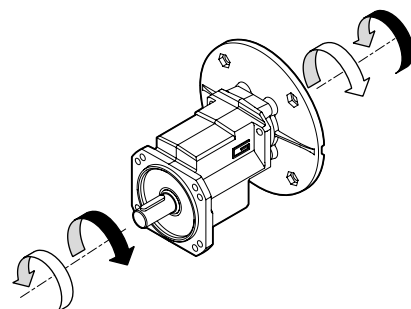
RIDUTTORE / GEARBOX						
PU	01	FT1	5.70	71	B5	O3
Tipo Type	Grandezza Size	Versione Version	Rapporto Ratio	IEC 	Forma costruttiva Version	Diam. Albero uscita Output shaft diam.
	01	U FT1 FT2 FT3	5.70 8.57	63 71 80	B5 B14	

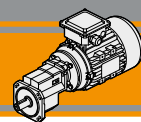
MOTORE / MOTOR					
0.25kW	4p	3ph	230/400V	50Hz	T1
Potenza Power	Poli Poles	Fasi Phases	Tensione Voltage	Frequenza Frequency	Pos. morsettiera Terminal box pos.
Vedi tabelle See tables	2p 4p 6p 8p	1ph 3ph	230V 230/400V	50Hz 60Hz	T1 (Std)



Sensi di rotazione

Direction of rotation





Lubrificazione

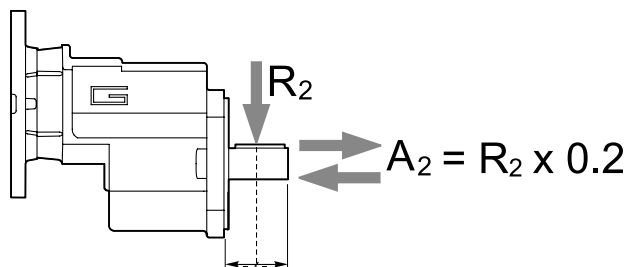
Tutti i motoriduttori della serie PU sono forniti completi di lubrificante sintetico viscosità 320, pertanto possono essere installati in qualunque posizione di montaggio e non necessitano di manutenzione.

Lubrication

Permanent synthetic oil long-life lubrication (viscosity grade 320) makes it possible to use PU range in all mounting positions.

Carichi radiali

Radial loads



n ₂ [min ⁻¹]	R ₂ [N]
	PU 01
500	643
400	693
300	763
250	810
200	873
150	961
100	1100

Simbologia

Symbols

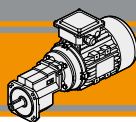
n ₁	[min ⁻¹]	Velocità in ingresso / Input speed
n ₂	[min ⁻¹]	Velocità in uscita / Output speed
i		Rapporto di riduzione / Ratio
P ₁	[kW]	Potenza in entrata / Input power
M ₂	[Nm]	Coppia nominale in uscita in funzione di P ₁ / Output torque referred to P ₁
sf		Fattore di servizio / Service factor
R ₂	[N]	Carico radiale ammissibile in uscita / Permitted output radial load
A ₂	[N]	Carico assiale ammissibile in uscita / Permitted output axial load

Dati tecnici

Technical data

P ₁ [kW]	n ₂ [min ⁻¹]	M ₂ [Nm]	sf	i		
0.18						
63A4 (1400 min ⁻¹)	246 163	6.7 10.0	7.5 5.0	5.70 8.57	PU01 PU01	B5/B14 B5/B14
0.22						
63B4 (1400 min ⁻¹)	246 163	8.2 12.3	6.1 4.1	5.70 8.57	PU01 PU01	B5/B14 B5/B14
0.25						
71A4 (1400 min ⁻¹)	246 163	9.4 14	5.3 2.8	5.70 8.57	PU01 PU01	B5/B14 B5/B14
0.37						
71B4 (1400 min ⁻¹)	246 163	14 21	3.6 1.9	5.70 8.57	PU01 PU01	B5/B14 B5/B14

P ₁ [kW]	n ₂ [min ⁻¹]	M ₂ [Nm]	sf	i		
0.55						
71C4 (1400 min ⁻¹)	246 163	21 31	2.4 1.3	5.70 8.57	PU01 PU01	B5/B14 B5/B14
80A4 (1400 min ⁻¹)	246 163	21 31	2.4 1.3	5.70 8.57	PU01 PU01	B5/B14 B5/B14
0.75						
80B4 (1400 min ⁻¹)	246 163	28 42	2.4 0.9	5.70 8.57	PU01 PU01	B5/B14 B5/B14
1.1						
80B4 (1400 min ⁻¹)	246	41	1.2	5.7	PU01	B5/B14



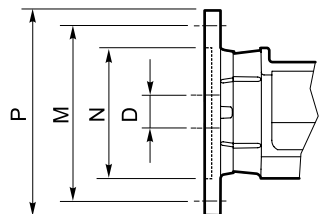
PU

Motoriduttori ad ingranaggi cilindrici monostadio

Single stage helical gearmotors

Motori applicabili

IEC Motor adapters

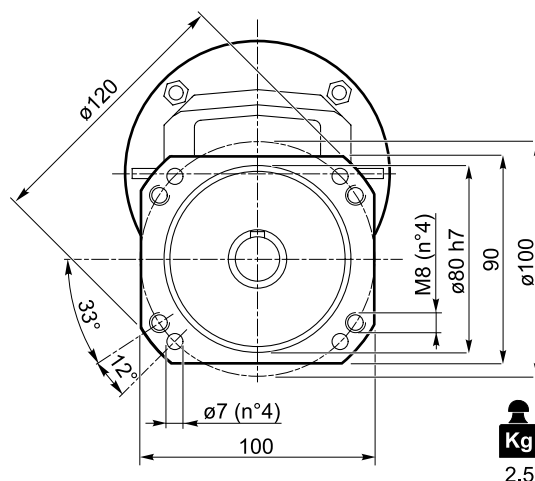
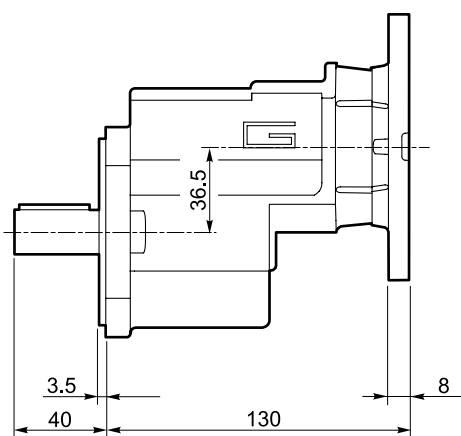
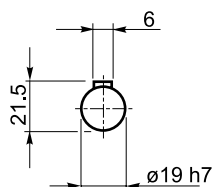


	IEC	N	M	P	D	i (rapporto / ratio)	
						5.70	8.57
PU01	80 B5	130	165	200	19		
	80 B14	80	100	120	19		
	71 B5	110	130	160	14	B	
	71 B14	70	85	105			
	63 B5	95	115	140	11	BS	
	63 B14	60	75	90			

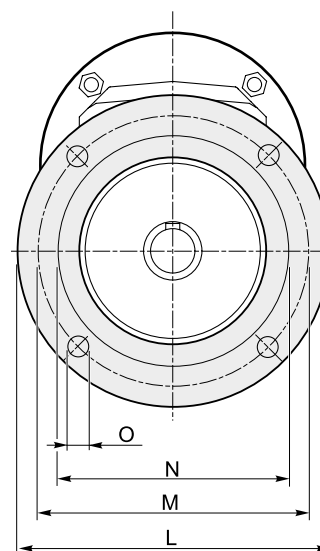
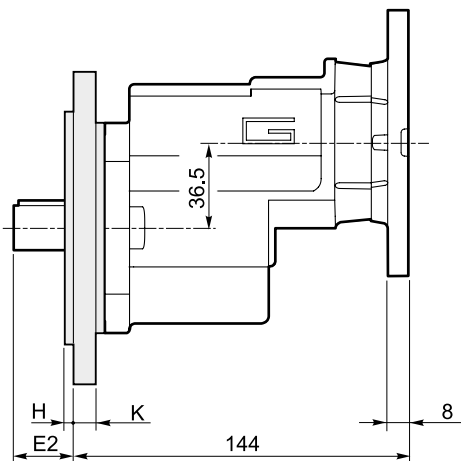
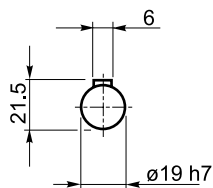
Dimensioni

Dimensions

PU01 U



PU01 FT..



		Versione / Version							Peso / Weight [kg]
PU01	FT1	E ₂	H	K	L	M	N f7	O	
	FT2	26	3	10	140	115	95	M8	0.3
	FT3	26	3.5	10	160	130	110	9	0.4
		26	3.5	10	200	165	130	11	0.5



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