

Serie 56 P

56 P Series

CARATTERISTICHE GENERALI - General Characteristics

Tipo Type		56PC				56PM						56PL			
Tensione Nominale Rated Voltage	V	24		48		24		48		65		24		48	
Velocità Nominale Rated Speed	Rpm	1900	2600	2400	1850	1900	2400	2750	2000	2600	1800	1900	2800	1900	2700
Potenza Nominale Rated Power	W	86	114	126	89	109	123	173	136	177	123	149	176	129	184
Codice di Avvolgimento Winding Code		003	013	042	043	004	014	034	044	112	118	005	015	046	054

CARATTERISTICHE TECNICHE - Technical Characteristics

Coppia Continuativa di Stallo Continuous Stall Current	Nm	0,46	0,49	0,55	0,5	0,7	0,65	0,7	0,7	0,75	0,75	0,85	0,8	0,9	0,8
Corrente Continuativa di Stallo Continuous Stall Torque	A	5,8	7,3	4	3,2	8,1	10	5,4	4,1	4	2,9	8,6	10	5,6	5,9
Coppia Nominale Rated Torque	Nm	0,43	0,42	0,5	0,46	0,55	0,49	0,60	0,65	0,65	0,65	0,75	0,6	0,65	0,65
Corrente Nominale Rated Current	A	5,4	6,3	3,7	2,8	6,6	8	4,6	3,7	3,5	2,7	7,8	9,7	4,3	5,4
Coppia di Picco allo Spunto Start Peak Torque	Nm	1,45	1,55	2,2	2	2,2	2,2	2,8	2,9	2,9	3	2,1	2,6	3,1	3,1
Corrente di Picco Start Peak Current	A	18	23	16	12	25	34	22	16,5	16	11,5	22	40	19	24
Resistenza Totale Total Resistance	Ω	0,98	0,76	1,93	2,98	0,7	0,52	1,64	1,9	1,94	3,86	0,82	0,37	1,85	1,45
Induttanza Inductance	mH	1,95	1,2	6,15	6,78	1,32	0,79	3,11	5,29	5,81	11	1,16	0,49	4,06	2,2
Costante di Coppia Torque Constant	Nm/A	0,079	0,067	0,14	0,165	0,086	0,065	0,13	0,176	0,182	0,255	0,096	0,065	0,158	0,132
Costante di Tensione Voltage Constant	$V/10^3$ Rpm	9,6	7,85	16,5	19,5	10	7,7	14,5	20	20,5	28,5	11	7,25	20	15
Costante di Tempo Elettrica Electrical Time Constant	ms	2	1,6	3,2	2,3	1,9	1,5	1,9	2,8	3	2,8	1,4	1,3	2,2	1,5

DATI MECCANICI - Mechanical Data

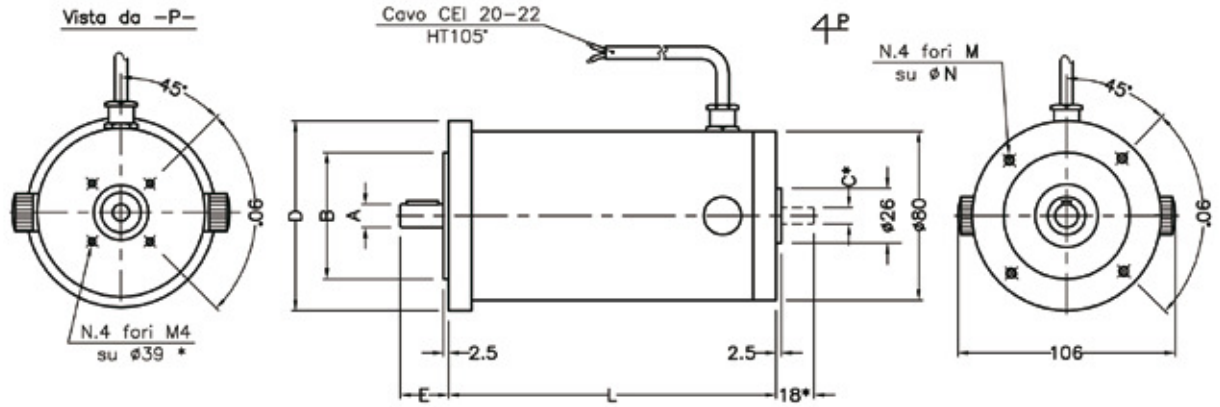
Momento di Inerzia Moment of Inertia	Kg·m ²	2,8·10 ⁻⁴				3,8·10 ⁻⁴						5·10 ⁻⁴			
Massa Mass	Kg	2,7				3,2						3,9			
Massimo Carico Radiale Maximum Radial Load	N	290				330						370			
Massimo Carico Assiale Maximum Axial Load	N	80				90						100			

CARATTERISTICHE TERMICHE - Thermal Characteristics

Temperatura di Funzionamento Rated Temperature	°C	0 ÷ 40 °C													
Classe di Isolamento Type of Insulation		F													
Grado di Protezione Level of Protection		IP44													
Montaggio Mounting		In Aria / Free Still Air													

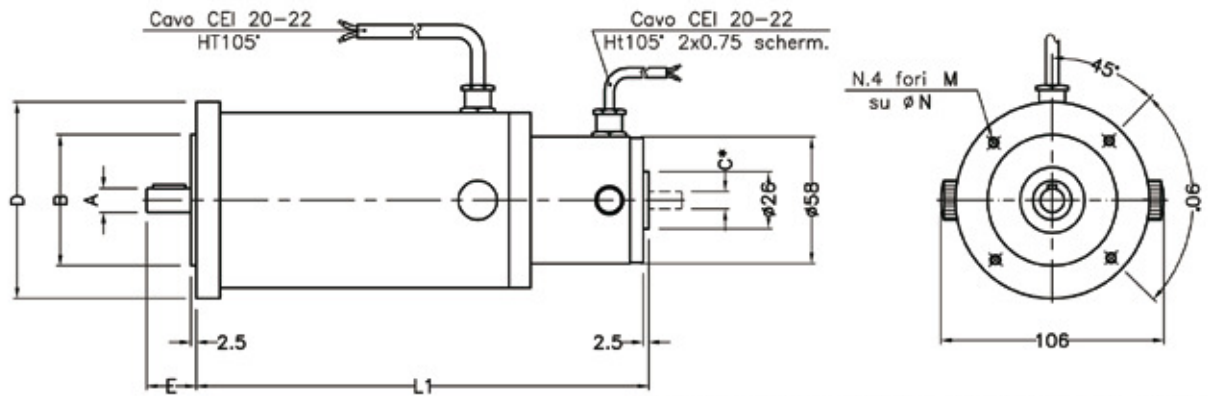
Dati rilevati a temperatura ambiente di 25° C e con temperatura massima del collettore di 115°C.
The data was obtained at a room temperature of 25 °C with 115°C on the commutator.

Servomotore - Servomotor



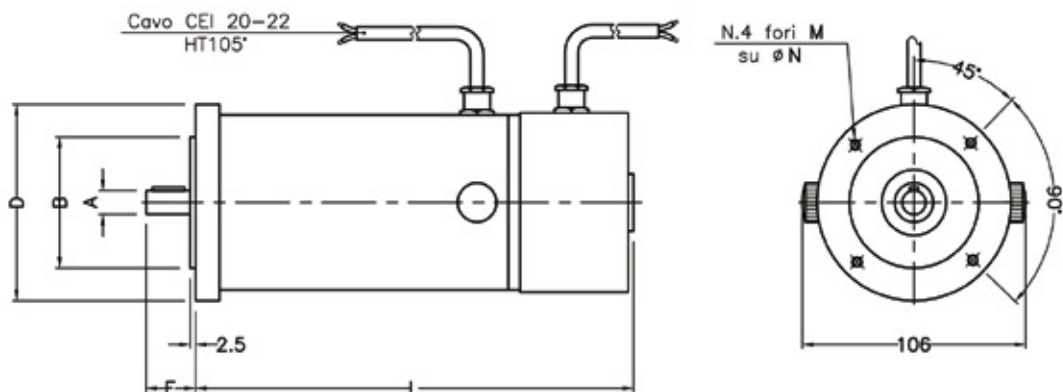
* Secondo albero a richiesta - Second shaft on request

Servomotore con dinamo tachimetrica - Tacho servomotor



* Secondo albero a richiesta - Second shaft on request

Servomotore con freno - Servomotor with brake

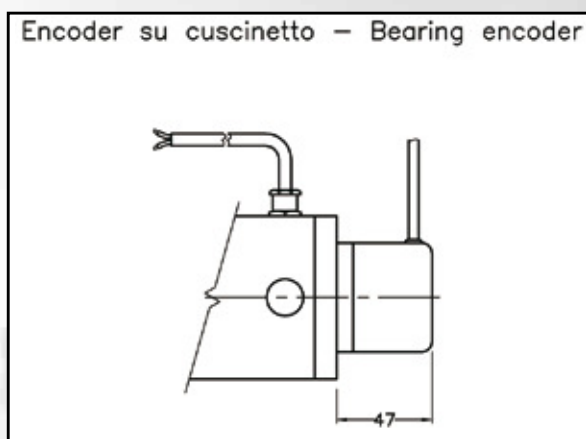
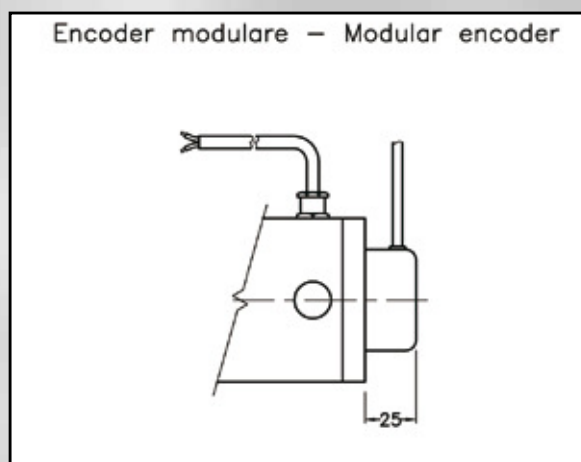
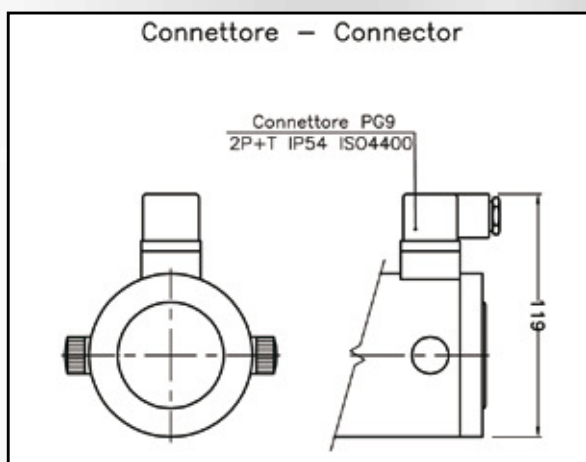


Tolleranze sulle dimensioni angolari : $\pm 5^\circ$

The tolerance on angular dimensions: $\pm 5^\circ$

Optionals

Optionals



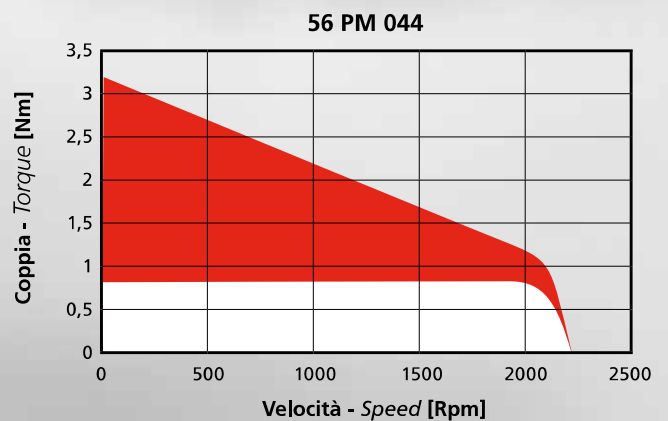
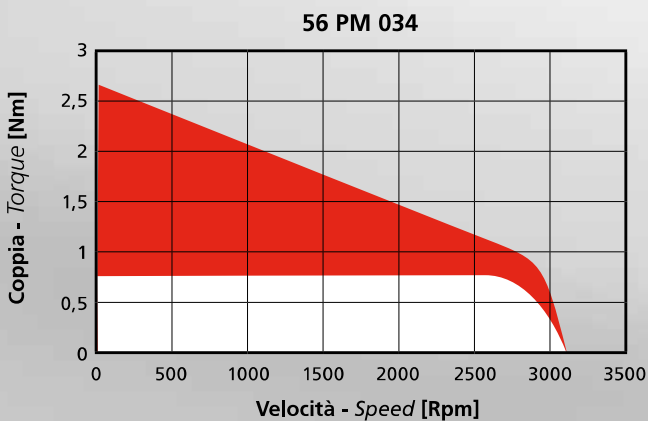
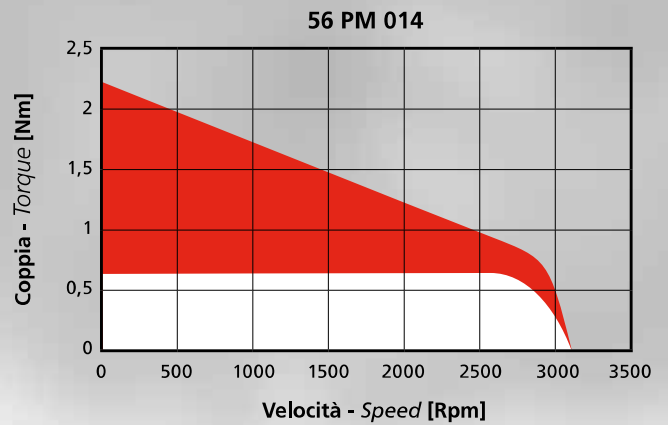
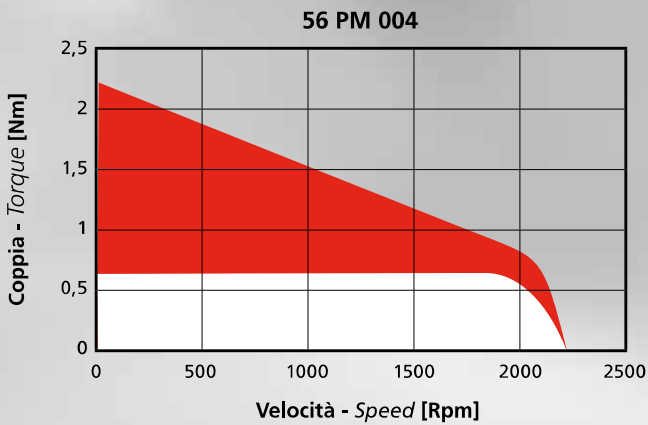
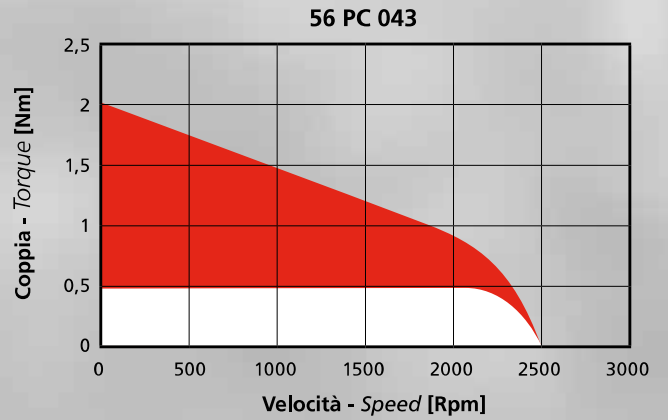
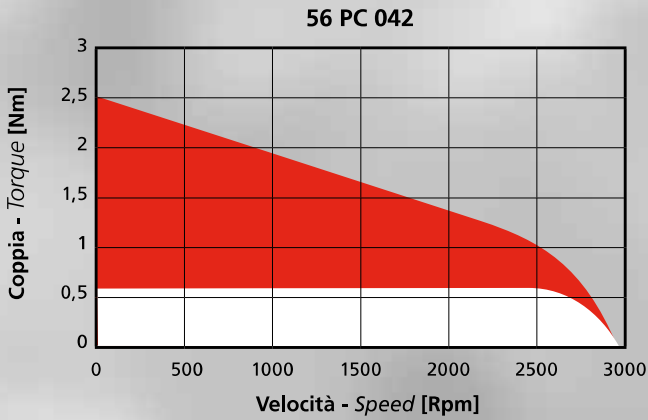
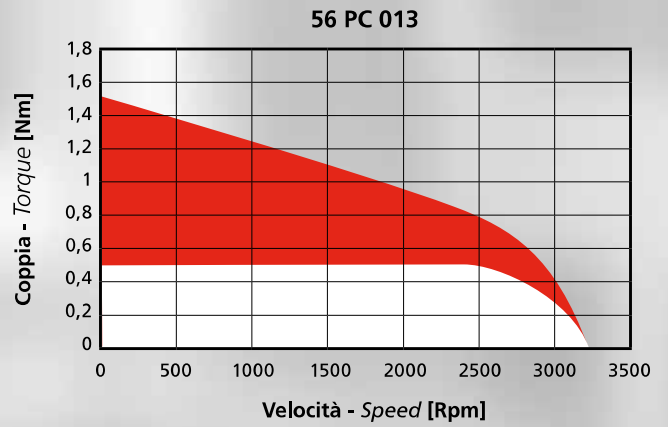
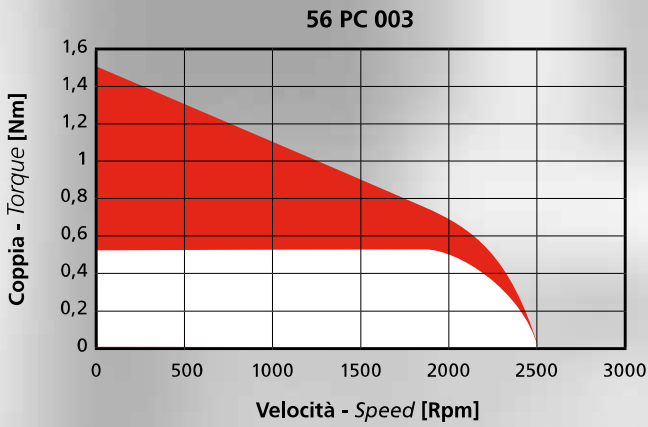
DIMENSIONI - Dimensions

Taglia Size	Tipo di Flangia Flange type	A ^{h6}	B ^{h7}	C ^{h6}	D	E $\pm 0,2$	L $\pm 0,5$	L1 $\pm 0,5$	M	N	Linguetta Key
56PC	56B14	9	50	8	80	20	140	192	M5	65	3X3X15
	63B14	11	60	8	90	23			M5	75	4X4X15
	63B5	11	95	8	140	23			8,5	115	4X4X15
56PM	56B14	9	50	8	80	20	157,5	210	M5	65	3X3X15
	63B14	11	60	8	90	23			M5	75	4X4X15
	63B5	11	95	8	140	23			8,5	115	4X4X15
56PL	56B14	9	50	8	80	20	185,5	238	M5	65	3X3X15
	63B14	11	60	8	90	23			M5	75	4X4X15
	63B5	11	95	8	140	23			8,5	115	4X4X15

Per servomotori con freno di stazionamento, le quote L e L1 devono essere aumentate di 46 mm
 For servomotors with brake, the measurements L and L1 need to be increased by 46 mm.

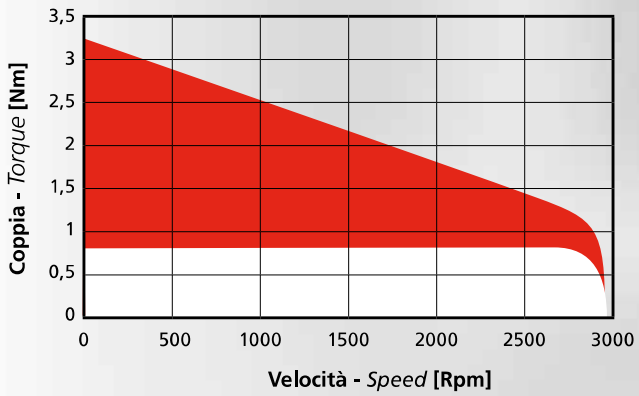
Caratteristiche Coppia-Velocità

Torque-Speed characteristics

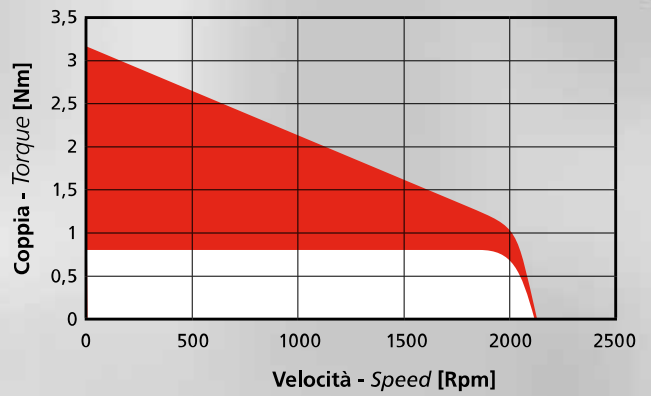




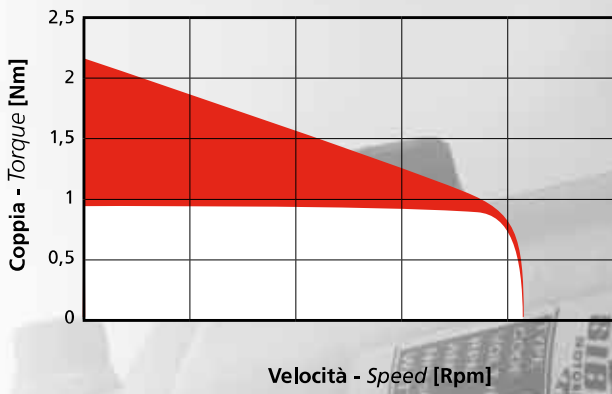
56 PM 112



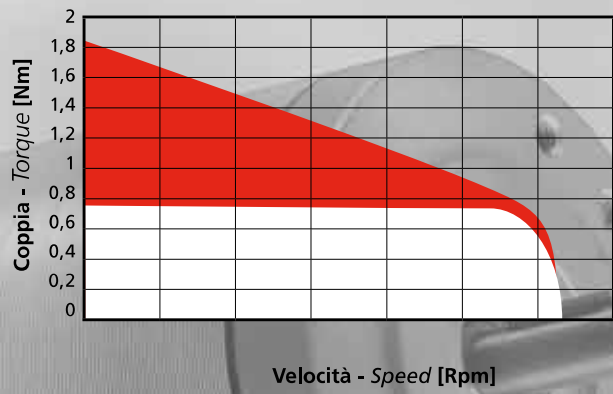
56 PM 118



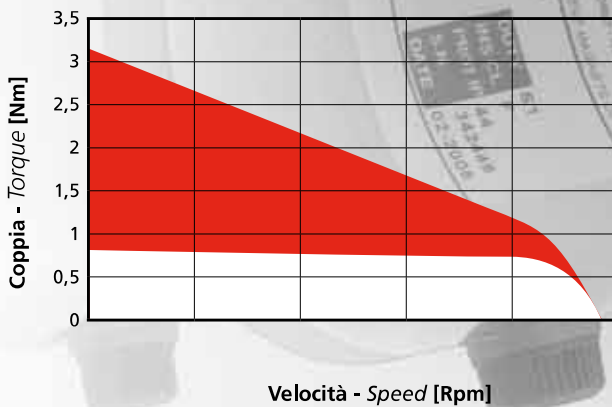
56 PL 005



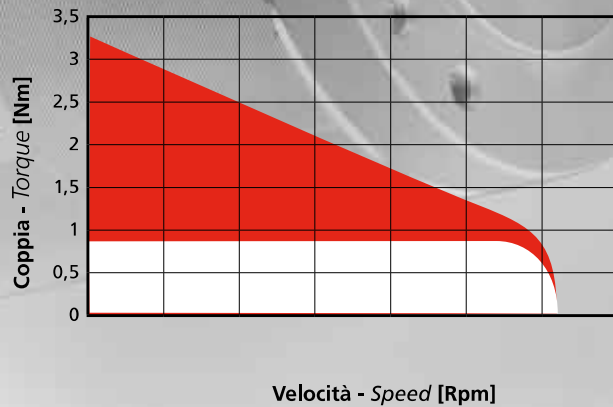
56 PL 015



56 PL 046



56 PL 054



□ S1

■ S2, 30 min.