

1.9 Dati tecnici

1.9 Technical data

1.9 Technische Daten

Stadi Steps Stufenzahl	1				2								3								
i	3	4	5	6	9	12	16	20	24	30	36	27	36	48	64	80	100	120	144	180	216
n_{1 nom}	4000				4500								5000								
n_{1 max}	6000																				
T_{2N}	90	110	90	75	100	115	115	115	115	85	75	100	120	120	120	120	120	120	120	95	80
T_{2A}	145	170	130	120	160	180	180	180	180	140	130	160	190	190	190	190	190	190	190	150	130
T_{2S}	290	340	260	240	320	360	360	360	360	280	260	320	380	380	380	380	380	380	380	300	260
J	Vedi pag. 14 / See page 14 / Siehe auf Seite 14																				
LpA	< 70																				
R_d	0.96				0.93								0.91								
L_h	20000																				
F_{R2}	2100																				
F_{A2}	1050																				
R_t	11																				
α_{max}	4'				6'								8'								
Kg	2.7				3.5								4.3								

i Rapporto di riduzione nominale
n_{1 nom} Velocità nominale in entrata [min⁻¹]
n_{1 max} Velocità massima in entrata [min⁻¹]
T_{2N} Coppia nominale intermittente in uscita [Nm]
T_{2A} Coppia massima di accelerazione in uscita [Nm]
T_{2S} Coppia massima di emergenza in uscita [Nm]
LpA Livello di rumorosità dB(A) a 3000 min⁻¹
R_d Rendimento dinamico
L_h Durata cuscinetti [h]
F_{R2} Carico radiale nominale in uscita [N] a 300min⁻¹
F_{A2} Carico assiale in uscita [N] a 300min⁻¹
R_t Rigidità torsionale [Nm / arcmin]
α_{max} Gioco angolare massimo [arcmin]
J Momento d'inerzia [kg.cm²]

Nominal ratio
Nominal input speed [min⁻¹]
Maximum input speed [min⁻¹]
Rated intermittent output torque [Nm]
Maximum acceleration output torque [Nm]
Maximum emergency output torque [Nm]
Noise level dB(A) at 3000 min⁻¹
Dynamic efficiency
Bearing life [h]
Rated output radial load [N] at 300min⁻¹
Output axial load [N] at 300min⁻¹
Torsional rigidity [Nm / arcmin]
Maximum backlash [arcmin]
Moment of inertia [kg.cm²]

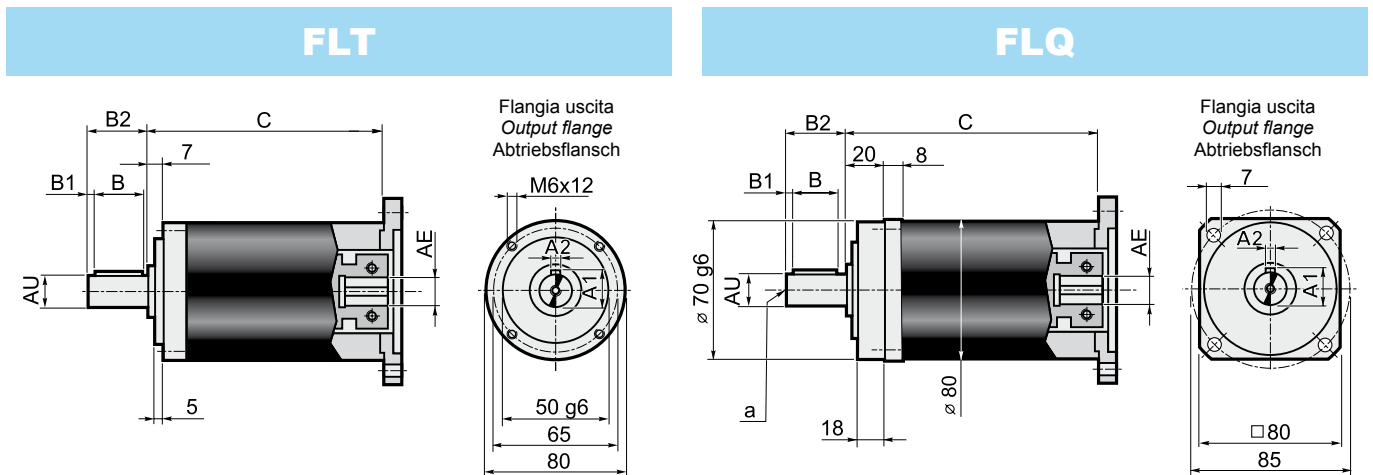
Nenn-Untersetzungsverhältnis
Nenn-Eingangsdrehzahl [min⁻¹]
Maximale Eingangsdrehzahl [min⁻¹]
Nenn-Abtriebsmoment (im Aussetzbetrieb)[Nm]
Maximales Beschleunigungsmoment am Abtrieb [Nm]
Maximale Überlast am Abtrieb [Nm]
Geräuschpegel dB(A) bei 3000 min⁻¹
Dynamischer Wirkungsgrad
Lebensdauer der Lager [h]
Nenn-Radiallast an der Abtriebswelle bei 300min⁻¹
Axiallast an der Abtriebswelle bei 300min⁻¹
Drehfestigkeit [Nm / arcmin]
Maximale Winkelspiel [arcmin]
Trägheitsmoment [kg.cm²]

1.10 Dimensioni

1.10 Dimensions

1.10 Abmessungen

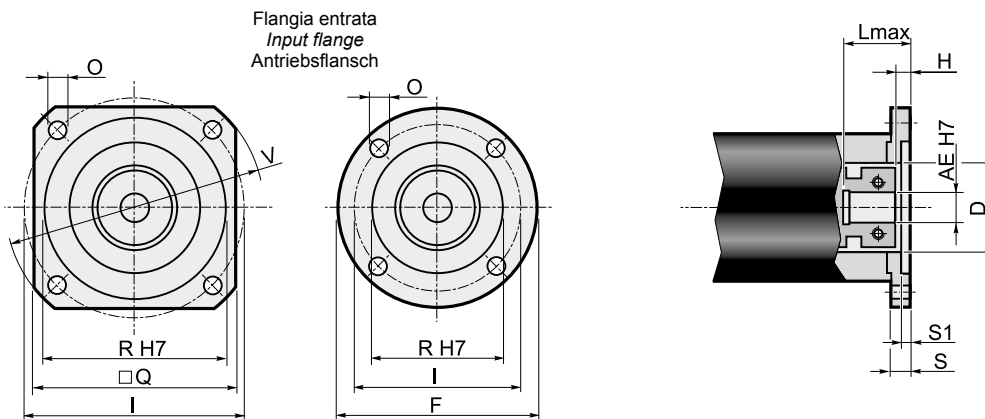
Dimensioni generali e uscite / General and output dimensions / General-und Abtriebsabmessungen



Stadi / Steps / Stufenzahl	1	2	3	
C	102	127	152.5	AE= 9-9.52-11-12.7 14-15.87-16-19

	Albero uscita - Output shaft - Abtriebswelle						
	AU j6	A1	A2	B	B1	B2	a
AU19	19	21.5	6	30	3	36	M6x16
AU22	22	24.5	6	30	3	36	M6x16

Dimensioni entrate / Input dimensions / Antriebsabmessungen



Flange entrata / Input flange / Antriebsflansch										Albero entrata / Input shaft / Antriebswelle																	
										AE																	
										9		9.525		11		12		12.7		14		15.87		16		19	
F	Q	V	I	R (H7)	O	S	S1	D	L _{max}	H	L _{max}	H	L _{max}	H	L _{max}	H	L _{max}	H	L _{max}	H	L _{max}	H	L _{max}	H			
P01*	80	=	=	66.67	38.1	5.5	12	3	38.1	41	3.5	41	6	26	6	41	6	41	6	41	6	41	6	41	6	41	6
P02	=	106.5	140	125.72	55.52	7	11	3	45	40	2.5	40	5	25	5	40	5	40	5	40	5	40	5	40	5	40	5
P03*	=	80	90	75	60	5.5	12	3.5	45	41	3.5	41	6	26	6	41	6	41	6	41	6	41	6	41	6	41	6
P04*	105	=	=	85	70	6.5	12	3.5	45	41	3.5	41	6	26	6	41	6	41	6	41	6	41	6	41	6	41	6
P05	=	82.5	110	98.425	73.02	6.5	12	3	45	41	3.5	41	6	26	6	41	6	41	6	41	6	41	6	41	6	41	6
P06	=	90	120	100	80	6.5	13	4	45	42	4.5	42	7	27	7	42	7	42	7	42	7	42	7	42	7	42	7
P07	=	100	135	115	95	8.5	13	4.5	45	42	4.5	42	7	27	7	42	7	42	7	42	7	42	7	42	7	42	7
P08	=	116	160	130	110	9	13	4.5	45	42	4.5	42	7	27	7	42	7	42	7	42	7	42	7	42	7	42	7
P09*	80	=	=	39	26	4.5	12	4	26	41	3.5	41	6	26	6	41	6	41	6	41	6	41	6	41	6	41	6
P10*	80	=	=	65	50	5.5	12	3.5	45	41	3.5	41	6	26	6	41	6	41	6	41	6	41	6	41	6	41	6
P11	=	150	182	166	115	9	32	11	50x14	61	23.5	61	26	46	26	61	26	61	26	61	26	61	26	61	26	61	26
P12*	=	80	105	90	70	6.5	12	3.5	32	41	3.5	41	6	26	6	41	6	41	6	41	6	41	6	41	6	41	6
P14*	105	=	=	90	70	6	19	9	32	48	10.5	48	13	33	13	48	13	48	13	48	13	48	13	48	13	48	13
P15*	80	=	=	70	50	4.5	17	8	45	46	8.5	46	11	31	11	46	11	46	11	46	11	46	11	46	11	46	11
P16	=	142	190	165	130	11	13	4.5	45	42	4.5	42	7	27	7	42	7	42	7	42	7	42	7	42	7	42	7
P17*	80	=	=	63	40	5.5	12	3.5	40	41	3.5	41	6	26	6	41	6	41	6	41	6	41	6	41	6	41	6
P18	=	130	170	145	110	M8	31	7	32	60	22.5	60	25	45	25	60	25	60	25	60	25	60	25	60	25	60	25
P19*	=	80	105	90	60	6.5	12	3.5	32	41	3.5	41	6	26	6	41	6	41	6	41	6	41	6	41	6	41	6
P20*	=	80	105	85	55	5.5	12	3.5	36	41	3.5	41	6	26	6	41	6	41	6	41	6	41	6	41	6	41	6
P21	=	80	110	95	50	M6	12	3.5	45	41	3.5	41	6	26	6	41	6	41	6	41	6	41	6	41	6	41	6
P22	80	=	=	70	50	M4	12	4	45	41	3.5	41	6	26	6	41	6	41	6	41	6	41	6	41	6	41	6
P23	=	80	90	75	60	M5	12	3.5	45	41	3.5	41	6	26	6	41	6	41	6	41	6	41	6	41	6	41	6
P24	80	=	=	46	30	M4	12	4	30	41	3.5	41	6	26	6	41	6	41	6	41	6	41	6	41	6	41	6
P26	80	=	=	65	40	M5	12	3.5	40	41	3.5	41	6	26	6	41	6	41	6	41	6	41	6	41	6	41	3.5
P27	=	80	110	82.02	36.8	M6	14	10	36.8	43	5.5	43	8	28	8	43	8	43	8	43	8	43	8	43	8	43	5.5
P28	=	90	120	100	80	6.5	28	4	45	57	19.5	57	22	42	22	57	22	57	22	57	22	57	22	57	22	57	22
P29*	80	=	=	66.67	50	5.5	12	3	45	41	3.5	41	6	26	6	41	6	41	6	41	6	41	6	41	6	41	6
P30	=	115	155	130	80	9	13	4	45	42	4.5	42	7	27	7	42	7	42	7	42	7	42	7	42	7	42	7
P31*	=	80	105	56	44	M6	14	10	36.8	43	5.5	43	8	28	8	43	8	43	8	43	8	43	8	43	8	43	8
P32	=	80	105	90	70	M6	12	3.5	32	41	3.5	41	6	26	6	41	6	41	6	41	6	41	6	41	6	41	6
P33	=	130	165	145	110	9	13	4.5	45	42	4.5	42	7	27	7	42	7	42	7	42	7	42	7	42	7	42	7
P34	=	90	120	100	80	M6	19	5	45	48	10.5	48	13	33	13	48	13	48	13	48	13	48	13	48	13	48	13
P36	=	100	135	115	95	M8	25	4.5	45	54	16.5	54	19	39	19	54	19	54	19	54	19	54	19	54	19	54	19
P37	=	85	115	98.99	60	M6	12	3.5	32	41	3.5	41	6	26	6	41	6	41	6	41	6	41	6	41	6	41	6
P38	80	=	=	70	50	M5	12	4	45	41	3.5	41	6	26	6	41	6	41	6	41	6	41	6	41	6	41	6
P39	=	90	120	100	80	6.5	13	4.5	45	42	4.5	42	7	27	7	42	7	42	7	42	7	42	7	42	7	42	7
P40	=	80	90	75	60	M6	12	3.5	45	41	3.5	41	6	26	6	41	6	41	6	41	6	41	6	41	6	41	6

* Per assemblare il motore è necessario smontare la flangia dal riduttore (vedere schema di montaggio 2 a pag. 25).

* Before the mounting of the motor it is necessary to remove the flange from the gearbox (see structural arrangement 2 at the top of the page 25).

* Vor dem Einbauen des Motors soll die Getriebeflangsch abmontiert werden (siehe Bauanleitung 2 auf Seite 25).