

TRANSTECNO[®]
the modular gearmotor

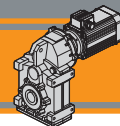
ATS

ATS



Motoriduttori pendolari
Helical parallel gearmotors

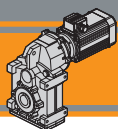




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Caratteristiche tecniche

Technical features

I motoriduttori pendolari della serie ATS sono caratterizzati da un elevato grado di modularità: partendo da un corpo di base è possibile configurarlo secondo le esigenze con diversi kit in entrata ed in uscita.

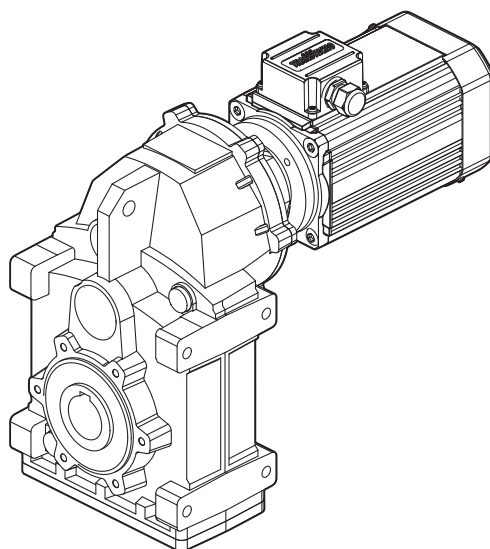
The high degree of modularity is a design feature of ATS helical parallel range. It is possible to set up the version required by using input and output kits.

Caratteristiche comuni a tutta la serie:

The main features of ATS range are:


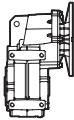
- Carcasa e flangia PAM in pressofusione di alluminio
- Lubrificazione permanente con olio sintetico.
- Ingranaggi cilindrici a denti elicoidali, induriti e rettificati.
- Flange di uscita in ghisa.

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

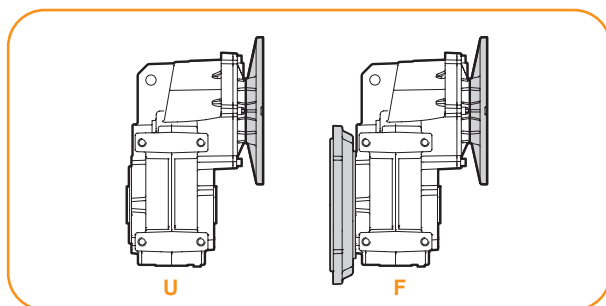


Designazione

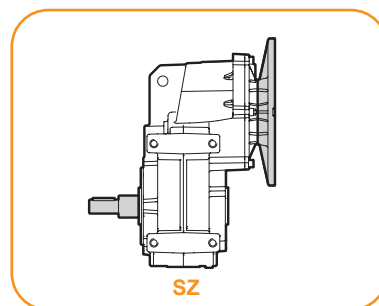
Classification

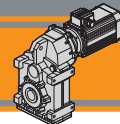
RIDUTTORE / GEARBOX								
ATS	90	2	U	29.65	D35	90	B5	SZ
Tipo Type	Grandezza Size	Stadi Stages	Versione Version	Rapporto Ratio	Albero cavo uscita Hollow output shaft	IEC 	Forma costruttiva Version	Albero uscita maschio Solid output shaft
 ATS	90 91	2 3	U... F...	vedi tabelle see tables	vedi tabelle see tables	63.. — 112..	B5 B14	SZ

Versione Riduttore
Gearbox Version



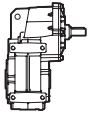
Albero di uscita
Output shaft





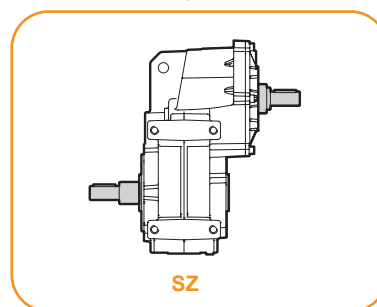
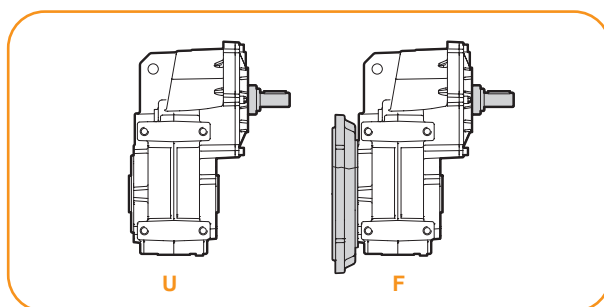
Designazione

Classification



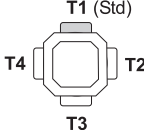
RIDUTTORE / GEARBOX						
AT SIS	90	2	U	29.65	D35	SZ
Tipo Type	Grandezza Size	Stadi Stages	Versione Version	Rapporto Ratio	Albero cavo uscita Hollow output shaft	Albero uscita maschio Solid output shaft
AT SIS	90 91	2 3	U... F...	vedi tabelle see tables	vedi tabelle see tables	SZ
						



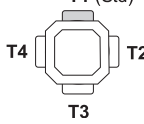
Versione Riduttore
Gearbox Version


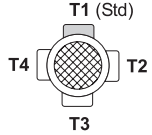
Albero di uscita
Output shaft

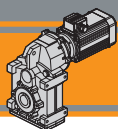


ATS

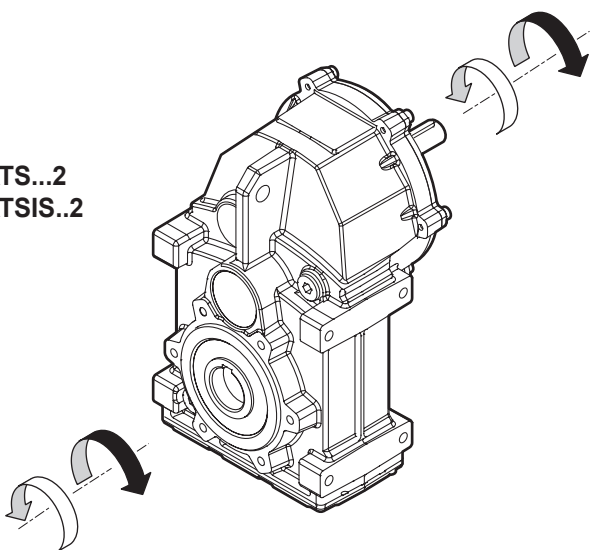
MOTORE TRIFASE / THREE PHASE MOTOR										
SMT	63	2	4	0.18 kW	B14	230-400 V	50 Hz	TEFC	BR	T1
Tipo Type	Grandezza Size	Indicativo potenza Power coefficient	Poli Poles	Potenza Power	Forma costruttiva Version	Tensione Voltage	Frequenza Frequency	Ventilazione Fan cooling	Opzioni Options	Pos. Morsettiera Terminal box pos.
SMT	 N1 pag.	1-2-3-4-5	4	0.04 kW ... 2.2 kW	B14	230-400 V 460V	50Hz 60Hz	TEFC TENV	 O1 P1 Q1 pag.	T1 (Std) 

MOTORE MONOFASE / SINGLE PHASE MOTOR										
SMM	63	2	4	0.18 kW	B14	230 V	50 Hz	TEFC	UL-CSA	T1
Tipo Type	Grandezza Size	Indicativo potenza Power coefficient	Poli Poles	Potenza Power	Forma costruttiva Version	Tensione Voltage	Frequenza Frequency	Ventilazione Fan cooling	Opzioni Options	Pos. Morsettiera Terminal box pos.
SMM	 N1 pag.	1-2-3-4	4	0.04 kW ... 0.75 kW	B14	230V	50Hz	TEFC TENV	 Q1 pag.	T1 (Std) 

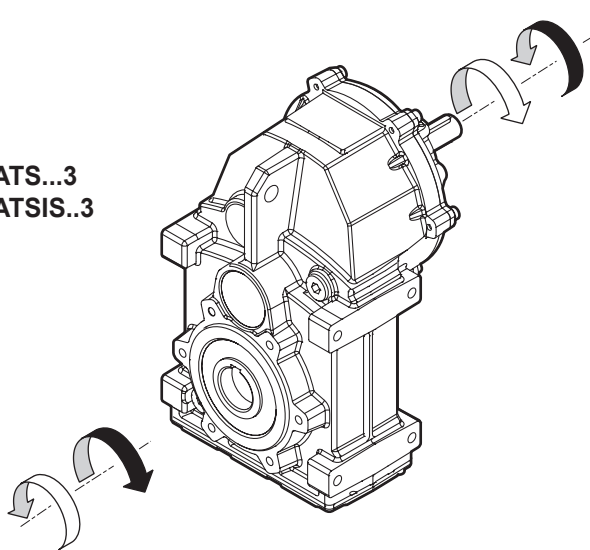
MOTORE TRIFASE / THREE PHASE MOTOR										
TS	63	2	4	0.18 kW	B5	3 ph	230-400 V	50 Hz	T1	
Tipo Type	Grandezza Size	Indicativo potenza Power coefficient	Poli Poles	Potenza Power	Forma costruttiva Version	Fasi Phases	Tensione Voltage	Frequenza Frequency	Pos. Morsettiera Terminal box pos.	
TS	 R1 pag.	1-2-3-S L1-L2	4	0.09 kW ... 2.2 kW	B5 B14	3 ph	230-400 V 275-480 V	50Hz 60Hz	T1 (Std) 	



ATS...2
ATSIS..2




ATS...3
ATSIS..3



Simbologia

Symbols

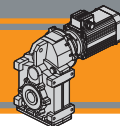
n_1	[min ⁻¹]	Velocità in ingresso / <i>Input speed</i>
n_2	[min ⁻¹]	Velocità in uscita / <i>Output speed</i>
i		Rapporto di riduzione / <i>Ratio</i>
P_1	[kW]	Potenza in entrata / <i>Input power</i>
M_2	[Nm]	Coppia nominale in uscita in funzione di P_1 / <i>Output torque referred to P_1</i>
P_{n1}	[kW]	Potenza nominale in entrata / <i>Nominal input power</i>
M_{n2}	[Nm]	Coppia nominale in uscita in funzione di P_{n1} / <i>Nominal output torque referred to P_{n1}</i>
sf		Fattore di servizio / <i>Service factor</i>
R_2	[N]	Carico radiale ammissibile in uscita / <i>Permitted output radial load</i>
A_2	[N]	Carico assiale ammissibile in uscita / <i>Permitted output axial load</i>
	[kg]	Peso del solo riduttore / <i>Weight of the gearbox only</i>

Lubrificazione

Lubrication

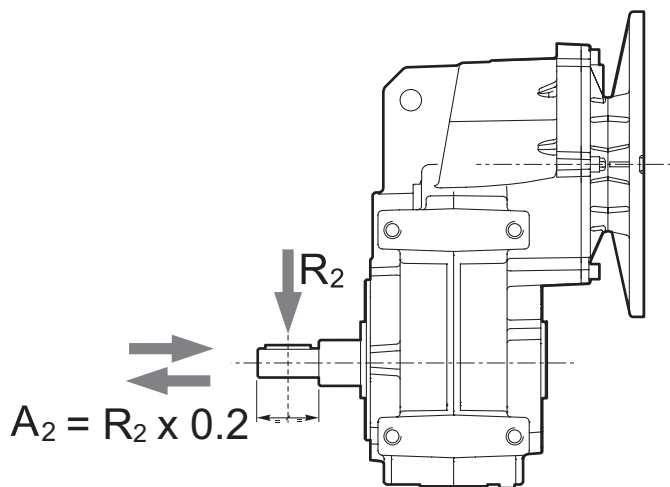
Tutti i motoriduttori sono forniti completi di lubrificante sintetico viscosità 320, pertanto possono essere installati in qualunque posizione di montaggio e non necessitano di manutenzione.

Permanent synthetic oil long-life lubrication (viscosity grade 320) makes it possible to use the gearmotors in all mounting positions; for this reason they can be installed in any assembly position and do not require maintenance.



Carichi radiali

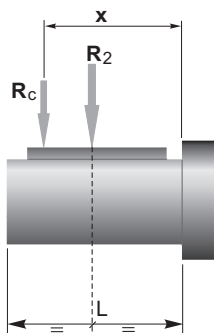
Radial loads



n_2 [min ⁻¹]	R_2 [N]	
	ATS 902 ATS 903	ATS 912 ATS 913
240	2400	3600
180	2400	4200
150	2400	4200
120	2500	4600
100	2800	4800
85	3090	5100
70	3150	5250
55	3630	6000
40	4440	6900
30	5100	7800
20	6000	9500
15	6000	10000
10	6000	10000
5	6000	10000

Quando il carico radiale risultante non è applicato sulla mezzeria dell'albero occorre calcolare quello effettivo con la seguente formula:

When the resulting radial load is not applied on the centre line of the shaft it is necessary to calculate the effective load with the following formula:



	ATS 902 ATS 903	ATS 912 ATS 913
a	152	174.5
b	97	114.5
R_{2MAX}	6000	10000

$$R_c = \frac{R_2 \cdot a}{(b + x)} \leq R_{2MAX}$$

$$R \leq R_c$$

a, b = valori riportati nella tabella
a, b = values given in the table

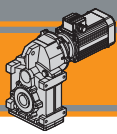
Motori applicabili

Motors adapters

ATS	SMT						SMM					TS					N		
	5014 5024 5034 5044	5624 5634 5444 5654	6324 6334 6344	7124 7134 7144	8024 8034	9024 9034	5014 5024 5034	5624 5634 5444	6324 6334	7124 7134	8024	5624	6314 6324 6334	7114 7124 7134 7144	8024 8034	90S4 90L14 90L24	100L14	100LB4	112M4
902																			
903																			
912																			
913																			

N.B. Le aree evidenziate in grigio indicano l'applicabilità della corrispondente grandezza motore.


N.B. Grey areas indicate motor inputs available on each size of unit.



Dati tecnici


n_1 1400 min⁻¹

Technical data

	n_2 [min ⁻¹]	Mn_2 [Nm]	Pn_1 [kW]	i	IEC Motori applicabili IEC Motor adapters					
					71 B5	80 B5/B14	90 B5/B14	100 B5/B14	112 B5/B14	
ATSIS 902										
	239	200	5.2	5.87	B					
	178	250	4.9	7.87	B					
	148	300	4.8	9.47	B					
	121	350	4.6	11.53	B					
	106	350	4.0	13.26	B					
	89.3	350	3.4	15.68	B					
	84.0	350	3.2	16.68	B					*
	73.3	400	3.2	19.09	B					*
	63.7	400	2.8	21.96	B					*
	52.8	400	2.3	26.50	B					*
	50.7	400	2.2	27.61	B					*
	47.2	400	2.1	29.65	B					*
	41.8	400	1.8	33.49	B			*	*	
	39.0	400	1.7	35.87	B			*	*	
	36.6	400	1.6	38.29	B			*	*	
	31.9	400	1.4	43.88	B			*	*	
	28.5	400	1.3	49.09	B			*	*	
	26.6	350	1.0	52.71	B			*	*	
	25.2	400	1.1	55.45	B			*	*	
	22.1	400	0.98	63.41	B		*	*	*	
	19.0	400	0.85	73.64	B		*	*	*	
	16.0	400	0.71	87.27	B		*	*	*	

ATSIS 903					63 B5	71 B5/B14	80 B5/B14	90 B5/B14
	14.0	400	0.62	100.33				*
	11.1	400	0.50	125.89				*
	10.6	400	0.47	131.65				*
	10.0	400	0.45	139.88			*	*
	9.3	400	0.41	151.07			*	*
	8.4	400	0.38	166.13			*	*
	8.1	400	0.36	172.40			*	*
	6.7	400	0.30	208.45			*	*
	6.3	400	0.28	223.41			*	*
	5.6	400	0.25	250.14			*	*
	4.3	400	0.19	323.65		*	*	*
	4.1	400	0.18	345.59		*	*	*
	3.7	400	0.17	376.15		*	*	*
	3.3	400	0.15	424.21		*	*	*

N.B.
Le aree evidenziate indicano l'applicabilità della corrispondente grandezza motore.
B = Boccola di riduzione in acciaio.

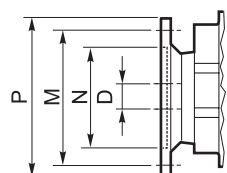
 * = Il fattore di servizio (**sf**) deve essere scelto in funzione dell'applicazione: si prega di contattare il nostro Servizio Tecnico.

Prima di eseguire la scelta del motoriduttore riferirsi alle prestazioni elencate nelle tabelle dalla pag. F8 alla pag. F11

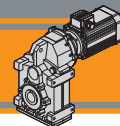
N.B.
Highlighted areas indicate motor inputs available on each size of unit.
B = Metal shaft sleeve.

 * = The service factor (**sf**) has to be selected depending on application: please contact our Technical Department.

Before selecting any gearbox, please read the performance values shown in the tables on page F8 to F11.




Dimensioni IEC / IEC Dimensions									
	63 B5	71 B5	71 B14	80 B5	80 B14	90 B5	90 B14	100/112 B5	100/112 B14
N	95	110	70	130	80	130	95	180	110
M	115	130	85	165	100	165	115	215	130
P	140	160	105	200	120	200	140	250	160
D	11	14		19		24		28	



Dati tecnici

n_1 1400 min⁻¹


Technical data

	n_2 [min ⁻¹]	Mn_2 [Nm]	Pn_1 [kW]	i	IEC Motori applicabili IEC Motor adapters					
					71 B5	80 B5/B14	90 B5/B14	100 B5/B14	112 B5/B14	
ATSIS 912										
	245.0	350	9.4	5.71	B					
	183	350	7.0	7.66	B					
	158	400	6.9	8.85	B					
	152	400	6.6	9.22	B					
	125	400	5.4	11.23	B					
	118	400	5.1	11.87	B					
	108	500	5.9	12.92	B					
	98.0	500	5.3	14.29	B					
	86.2	500	4.7	16.24	B					
	80.5	500	4.4	17.39	B					
	70.0	600	4.6	20.01	B					
	66.3	600	4.3	21.10	B					
	55.6	600	3.6	25.16	B					
	54.2	600	3.5	25.81	B					*
	48.5	600	3.2	28.88	B					*
	42.8	600	2.9	32.69	B					*
	37.5	520	2.2	37.30	B					*
	35.0	600	2.3	39.98	B					*
	31.3	600	2.1	44.73	B					*
	27.7	600	1.9	50.53	B			*		*
	24.2	600	1.6	57.77	B			*		*
	20.9	600	1.4	67.09	B			*		*
	17.6	520	1.0	79.52	B			*		*

ATSIS913					63 B5	71 B5/B14	80 B5/B14	90 B5/B14
	17.0	600	1.1	82.28				
	14.9	600	1.0	93.96				
	13.8	600	0.92	101.41				*
	11.4	600	0.76	122.61				*
	10.7	600	0.71	131.41				*
	9.5	600	0.64	147.13				*
	8.9	600	0.60	157.08				*
	7.4	600	0.49	189.92				*
	6.9	600	0.46	203.55			*	*
	6.1	600	0.41	227.91			*	*
	4.7	600	0.32	294.88			*	*
	4.4	600	0.30	314.87			*	*
	4.1	600	0.27	342.72			*	*
	3.6	600	0.24	386.51			*	*

N.B.
Le aree evidenziate indicano l'applicabilità della corrispondente grandezza motore.

B = Boccola di riduzione in acciaio.

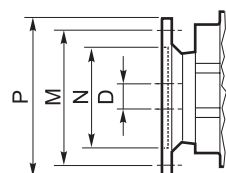
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Prima di eseguire la scelta del motoriduttore riferirsi alle prestazioni elencate nelle tabelle dalla pag. F8 alla pag. F11

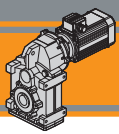
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





Dimensioni IEC / IEC Dimensions									
	63 B5	71 B5	71 B14	80 B5	80 B14	90 B5	90 B14	100/112 B5	100/112 B14
N	95	110	70	130	80	130	95	180	110
M	115	130	85	165	100	165	115	215	130
P	140	160	105	200	120	200	140	250	160
D	11	14		19		24		28	



ATS Motoriduttori pendolari Helical parallel gearmotors

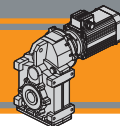
Dati tecnici

Technical data

P ₁ [kW]	n ₂ [min ⁻¹]	M ₂ [Nm]	sf	i		P ₁ [kW]	n ₂ [min ⁻¹]	M ₂ [Nm]	sf	i	
0.12						0.25					
TS6314  (1400 min ⁻¹)	14	77	5.2	100.33	ATS903	TS7114  Solo / Only (1400 min ⁻¹)	239	10	20.8	5.87	ATS902
	11	97	4.1	125.89			178	13	19.4	7.87	
	11	101	3.9	131.65			148	16	19.3	9.47	
	10	108	3.7	139.88			121	19	18.5	11.53	
	9.3	116	3.4	151.07			106	22	16.1	13.26	
	8.4	128	3.1	166.13			89	26	13.6	15.68	
	8.1	133	3.0	172.40			84	27	12.8	16.68	
	6.7	160	2.5	208.45			73	31	12.8	19.09	
	6.3	172	2.3	223.41			64	36	11.1	21.96	
	5.6	192	2.1	250.14			53	43	9.2	26.50	
	4.3	249	1.6	323.65			51	45	8.8	27.61	
	4.1	266	1.5	345.59			47	49	8.2	29.65	
	3.7	289	1.4	376.15			42	55	7.3	33.49	
	3.3	326	1.2	424.21			39	59	6.8	35.87	
	6.9	157	3.8	203.55	ATS913	37	61	6.5	38.29		
	6.1	175	3.4	227.91			32	70	5.7	43.88	
	4.7	227	2.6	294.88			29	79	5.1	49.09	
	4.4	242	2.5	314.87			27	84	4.1	52.71	
	4.1	264	2.3	342.72			25	89	4.5	55.45	
	4.1	264	2.3	342.72			22	102	3.9	63.41	
	3.6	297	2.0	386.51			19	118	3.4	73.64	
						16	140	2.9	87.27		
0.18						0.25					
TS6324  Solo / Only (1400 min ⁻¹)	14	116	3.5	100.33	ATS903	TS6334  Solo / Only TS7114 (1400 min ⁻¹)	14	161	2.5	100.33	ATS903
	11	145	2.8	125.89			11	202	2.0	125.89	
	11	152	2.6	131.65			11	211	1.9	131.65	
	10	161	2.5	139.88			10	224	1.8	139.88	
	9.3	174	2.3	151.07			9.3	242	1.7	151.07	
	8.4	192	2.1	166.13			8.4	266	1.5	166.13	
	8.1	199	2.0	172.40			8.1	276	1.4	172.40	
	6.7	241	1.7	208.45			6.7	334	1.2	208.45	
	6.3	258	1.6	223.41			6.3	358	1.1	223.41	
	5.6	289	1.4	250.14			5.6	401	1.0	250.14	
	4.3	374	1.1	323.65							
	4.1	399	1.0	345.59							
	3.7	434	0.9	376.15							
	3.3	490	0.8	424.21							
	9.5	170	3.5	147.13	ATS913		14	163	3.7	101.41	ATS913
	8.9	181	3.3	157.08			11	197	3.1	122.61	
	7.4	219	2.7	189.92			11	211	2.8	131.41	
	6.9	235	2.6	203.55			9.5	236	2.5	147.13	
	6.1	263	2.3	227.91			8.9	252	2.4	157.08	
	4.7	340	1.8	294.88			7.4	304	2.0	189.92	
	4.4	363	1.7	314.87			6.9	326	1.8	203.55	
	4.1	396	1.5	342.72			6.1	365	1.6	227.91	
	3.6	446	1.3	386.51		4.7	473	1.3	294.88		
						4.4	505	1.2	314.87		
						4.1	549	1.1	342.72		
						3.6	620	1.0	386.51		














Motori Motors	TS	
		6314 6324 6334
IEC	63 B5	71 B5 / B14



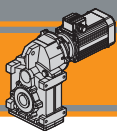
Dati tecnici

Technical data

P ₁ [kW]	n ₂ [min ⁻¹]	M ₂ [Nm]	sf	i		P ₁ [kW]	n ₂ [min ⁻¹]	M ₂ [Nm]	sf	i	
0.37						0.55					
 TS7124 Solo / Only (1400 min ⁻¹)	239	14	14.1	5.87	ATS902	 TS7134 Solo / Only (1400 min ⁻¹)	239	21	9.5	5.87	ATS902
	178	19	13.1	7.87			178	28	8.8	7.87	
	148	23	13.1	9.47			148	34	8.8	9.47	
	121	28	12.5	11.53			121	42	8.4	11.53	
	106	32	10.9	13.26			106	48	7.3	13.26	
	89	38	9.2	15.68			89	56	6.2	15.68	
	84	40	8.7	16.68			84	60	5.8	16.68	
	73	46	8.6	19.09			73	69	5.8	19.09	
	64	53	7.5	21.96			64	79	5.1	21.96	
	53	64	6.2	26.50			53	95	4.2	26.50	
	51	67	6.0	27.61			51	99	4.0	27.61	
	47	72	5.6	29.65			47	107	3.7	29.65	
	42	81	4.9	33.49			42	121	3.3	33.49	
	39	87	4.6	35.87			39	129	3.1	35.87	
	37	91	4.4	38.29			37	135	3.0	38.29	
	32	104	3.8	43.88			32	155	2.6	43.88	
29	116	3.4	49.09	29	173	2.3	49.09				
27	125	2.8	52.71	27	186	1.9	52.71				
25	132	3.0	55.45	25	196	2.0	55.45				
22	150	2.7	63.41	22	224	1.8	63.41				
19	175	2.3	73.64	19	260	1.5	73.64				
16	207	1.9	87.27	16	308	1.3	87.27				
 SMT7124 SMM7124 (1400 min ⁻¹)	14	238	1.7	100.33	ATS903	 SMT7134 SMM7134 (1400 min ⁻¹)	14	354	1.1	100.33	ATS903
	11	299	1.3	125.89			11	444	0.9	125.89	
	11	312	1.3	131.65			11	464	0.9	131.65	
	10	332	1.2	139.88			10	493	0.8	139.88	
	9.3	358	1.1	151.07							
 TS7124 (1400 min ⁻¹)	8.4	394	1.0	166.13							
	8.1	409	1.0	172.40							
 TS7124 Solo / Only (1400 min ⁻¹)	24	137	4.4	57.77	ATS912	 TS7134 Solo / Only (1400 min ⁻¹)	31	158	3.8	44.73	ATS912
	21	159	3.8	67.09			28	178	3.4	50.53	
	18	189	2.8	79.52			24	204	2.9	57.77	
 SMT7124 SMM7124 (1400 min ⁻¹)	17	195	3.1	82.28	ATS913	 SMT7134 SMM7134 (1400 min ⁻¹)	17	290	2.1	82.28	ATS913
	15	223	2.7	93.96			15	331	1.8	93.96	
	14	241	2.5	101.41			14	358	1.7	101.41	
	11	291	2.1	122.61			11	432	1.4	122.61	
	11	312	1.9	131.41			11	463	1.3	131.41	
	9.5	349	1.7	147.13			9.5	519	1.2	147.13	
	8.9	373	1.6	157.08			11	432	1.4	122.61	
	7.4	451	1.3	189.92			11	463	1.3	131.41	
	6.9	483	1.2	203.55			8.9	554	1.1	157.08	
	6.1	541	1.1	227.91			7.4	670	0.9	189.92	
4.7	700	0.9	294.88	6.9	718	0.8	203.55				









Motori Motors	SMT	SMM	TS	
	7124 7134	7124 7134	7124 7134	8014
IEC	71 B14	71 B14	71 B5 / B14	80 B5 / B14



ATS Motoriduttori pendolari Helical parallel gearmotors

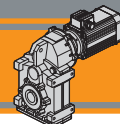
Dati tecnici

Technical data

P ₁ [kW]	n ₂ [min ⁻¹]	M ₂ [Nm]	sf	i		P ₁ [kW]	n ₂ [min ⁻¹]	M ₂ [Nm]	sf	i	
0.75						1.1					
SMT7144	89	77	4.5	15.68	ATS902	SMT8034 IE3 (1400 min ⁻¹)	47	214	1.9	29.65	ATS902
SMT8024 IE3	84	82	4.3	16.68		42	241	1.7	33.49		
SMM8024 (1400 min ⁻¹)	73	94	4.3	19.09		39	258	1.5	35.87		
	64	108	3.7	21.96		37	270	1.5	38.29		
TS7144	53	130	3.1	26.50		32	310	1.3	43.88		
	51	136	2.9	27.61		TS8034	29	346	1.2	49.09	
Solo / Only	47	146	2.7	29.65		TS90S4	25	391	1.0	55.45	
TS8024 (1400 min ⁻¹)	42	164	2.4	33.49		(1400 min ⁻¹)	22	447	0.9	63.41	
39	176	2.3	35.87	66		152	3.9	21.10	ATS912		
37	184	2.2	38.29	56		181	3.3	25.16			
32	211	1.9	43.88	54		186	3.2	25.81			
29	236	1.7	49.09	48		204	2.9	28.88			
27	253	1.4	52.71	43		231	2.6	32.69			
25	267	1.5	55.45	38		263	2.0	37.30			
22	305	1.3	63.41	35		282	2.1	39.98			
19	354	1.1	73.64	31		315	1.9	44.73			
16	420	1.0	87.27	28		356	1.7	50.53			
43	157	3.8	32.69	24		407	1.5	57.77			
38	179	2.9	37.30	21	473	1.3	67.09				
35	192	3.1	39.98	17	580	1.0	82.28	ATS913			
31	215	2.8	44.73	15	663	0.9	93.96				
28	243	2.5	50.53								
24	278	2.2	57.77								
21	323	1.9	67.09								
18	382	1.4	79.52								
ATS913						1.5					
SMM8024 (1400 min ⁻¹)	17	396	1.5	82.28	ATS913	SMT9024 IE3 (1400 min ⁻¹)	239	58	3.5	5.87	ATS902
	15	452	1.3	93.96		178	77	3.2	7.87		
TS7144	14	488	1.2	101.41		148	93	3.2	9.47		
TS8024 (1400 min ⁻¹)	11	590	1.0	122.61		121	113	3.1	11.53		
11	632	0.9	131.41	106		130	2.7	13.26			
						TS90L14 (1400 min ⁻¹)	89	154	2.3	15.68	
						84	164	2.1	16.68		
						73	188	2.1	19.09		
						64	216	1.9	21.96		
						53	260	1.5	26.50		
					51	271	1.5	27.61			
					47	291	1.4	29.65			
					42	329	1.2	33.49			
					39	352	1.1	35.87			
					37	368	1.1	38.29			
					32	422	0.9	43.88			
					108	127	3.9	12.92	ATS912		
					98	140	3.6	14.29			
					86	160	3.1	16.24			
					80	171	2.9	17.39			
					70	197	3.1	20.01			
					66	207	2.9	21.10			
					56	247	2.4	25.16			
1.1						1.1					
SMT8034 IE3 (1400 min ⁻¹)	239	42	4.7	5.87	ATS902	SMT8034 IE3 (1400 min ⁻¹)	239	58	3.5	5.87	ATS902
	178	57	4.4	7.87		178	77	3.2	7.87		
TS8034	148	68	4.4	9.47		148	93	3.2	9.47		
TS90S4 (1400 min ⁻¹)	121	83	4.2	11.53		121	113	3.1	11.53		
73	138	2.9	19.09	106		130	2.7	13.26			
64	158	2.5	21.96	89		154	2.3	15.68			
53	191	2.1	26.50	84		164	2.1	16.68			
51	199	2.0	27.61	73		188	2.1	19.09			
				64		216	1.9	21.96			
				53		260	1.5	26.50			
				51		271	1.5	27.61			
				47		291	1.4	29.65			
				42		329	1.2	33.49			
				39		352	1.1	35.87			
				37		368	1.1	38.29			
				32		422	0.9	43.88			
				108	127	3.9	12.92	ATS912			
				98	140	3.6	14.29				
				86	160	3.1	16.24				
				80	171	2.9	17.39				
				70	197	3.1	20.01				
				66	207	2.9	21.10				
				56	247	2.4	25.16				







Motori Motors	SMT			SMM	TS		
	7144	8024	9024	8024 8034	7144	8024 8034	
IEC	71 B14	80 B14	90 B14	80 B14	71 B5 / B14	80 B5 / B14	90 B5 / B14



Dati tecnici

Technical data

P_1 [kW]	n_2 [min ⁻¹]	M_2 [Nm]	sf	i		P_1 [kW]	n_2 [min ⁻¹]	M_2 [Nm]	sf	i	
1.5						3.0					
SMT9024 IE3 (1400 min ⁻¹) 	54	254	2.4	25.81	ATS912	N100LB4 (1400 min ⁻¹)	239	115	1.7	5.87	ATS902
	48	278	2.2	28.88			178	155	1.6	7.87	
	43	314	1.9	32.69			148	186	1.6	9.47	
	38	359	1.4	37.30			121	227	1.5	11.53	
	35	385	1.6	39.98			106	261	1.3	13.26	
TS90L14 (1400 min ⁻¹)	31	430	1.4	44.73			89	308	1.1	15.68	
	28	486	1.2	50.53			84	328	1.1	16.68	
	24	556	1.1	57.77			73	375	1.1	19.09	
	21	645	0.9	67.09			64	431	0.9	21.96	
2.2											
SMT9034 IE3 (1400 min ⁻¹) 	239	85	2.4	5.87	ATS902		245	112	3.1	5.71	ATS912
	178	113	2.2	7.87			183	151	2.3	7.66	
	148	136	2.2	9.47			158	174	2.3	8.85	
	121	166	2.1	11.53			152	181	2.2	9.22	
	106	191	1.8	13.26			125	221	1.8	11.23	
TS90L24	89	226	1.5	15.68			118	233	1.7	11.87	
TS100L14 (1400 min ⁻¹)	84	240	1.5	16.68			108	254	2.0	12.92	
	73	275	1.5	19.09			98	281	1.8	14.29	
	64	316	1.3	21.96			86	319	1.6	16.24	
	53	382	1.0	26.50			80	342	1.5	17.39	
	51	398	1.0	27.61	70	393	1.5	20.01			
	47	427	0.9	29.65	66	415	1.4	21.10			
	245	82	4.3	5.71	ATS912		56	494	1.2	25.16	
	183	110	3.2	7.66			54	507	1.2	25.81	
	158	128	3.1	8.85			48	555	1.1	28.88	
	152	133	3.0	9.22			43	629	1.0	32.69	
	125	162	2.5	11.23							
	118	171	2.3	11.87							
	108	186	2.7	12.92							
	98	206	2.4	14.29							
	86	234	2.1	16.24							
	80	251	2.0	17.39	4.0						
	70	288	2.1	20.01	N112M4 (1400 min ⁻¹)		239	154	1.3	5.87	ATS902
	66	304	2.0	21.10			178	206	1.2	7.87	
	56	362	1.7	25.16			148	248	1.2	9.47	
	54	372	1.6	25.81			121	302	1.2	11.53	
	48	407	1.5	28.88			106	347	1.0	13.26	
	43	461	1.3	32.69	89	411	0.9	15.68			
	35	564	1.1	39.98			245	150	2.3	5.71	ATS912
	31	631	1.0	44.73			183	201	1.7	7.66	
							158	232	1.7	8.85	
							152	242	1.7	9.22	
							125	294	1.4	11.23	
					118	311	1.3	11.87			
					108	338	1.5	12.92			
					98	374	1.3	14.29			
					86	425	1.2	16.24			
					80	456	1.1	17.39			
					70	524	1.1	20.01			
					66	553	1.1	21.10			
					56	659	0.9	25.16			

ATS



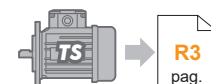
Motori Motors	SMT	TS	N		
	9024 9034	90L14 90L24	TS100L14	100LB4	112M4
IEC	90 B14	90 B5 / B14	100 B5 / B14	100 B5 / B14	112 B5 / B14

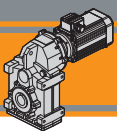
Dati tecnici elettrici

Electrical technical data

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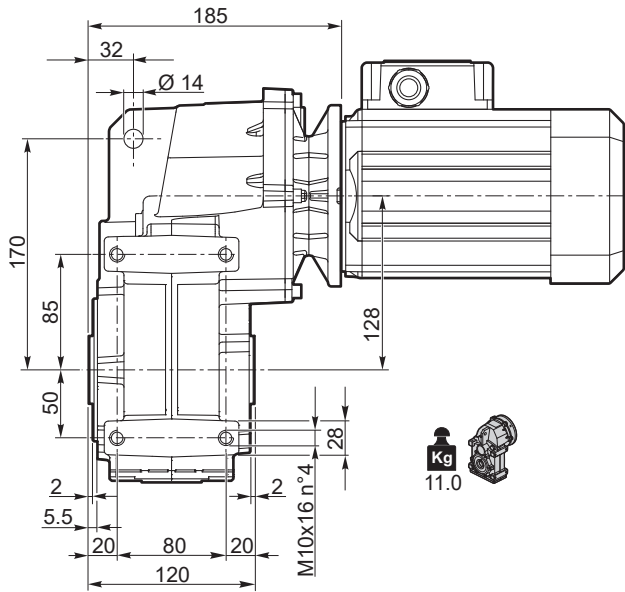
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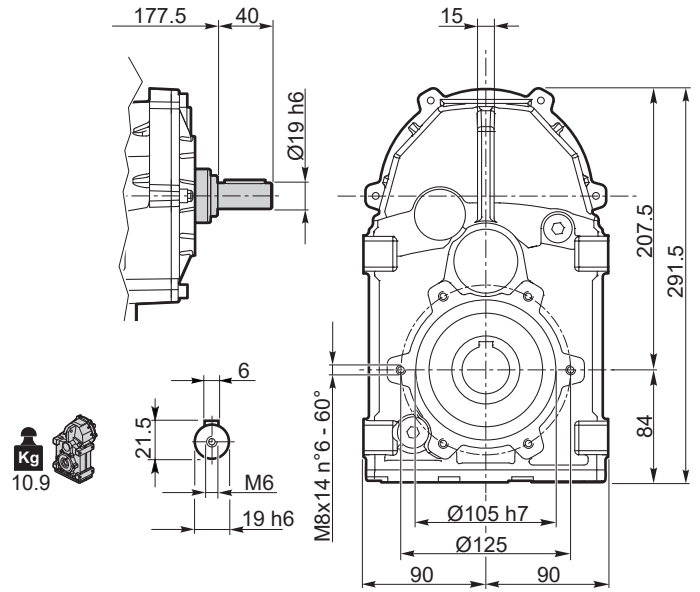


ATS 902

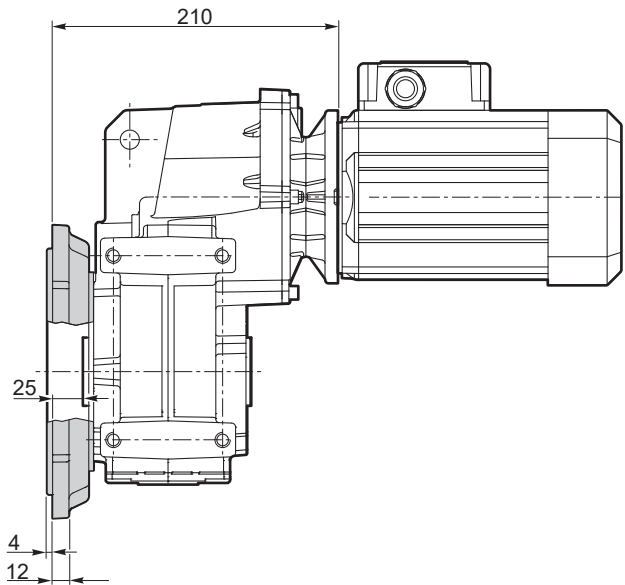
ATS 902 U..



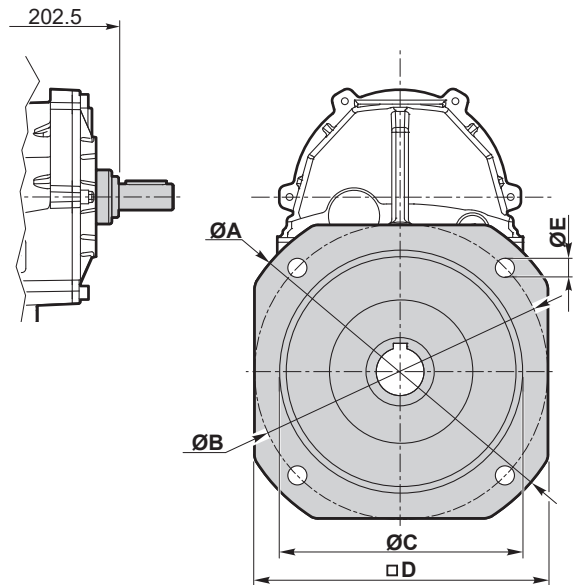
ATSIS 902 U..



ATS 902 F..

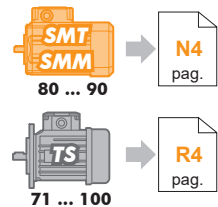
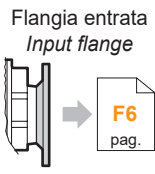
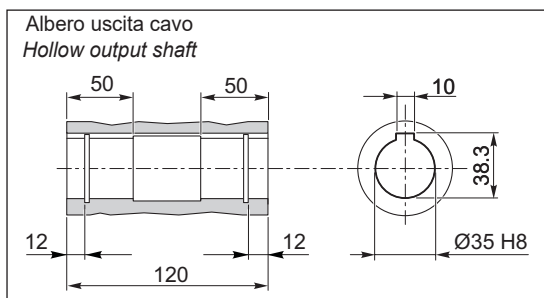


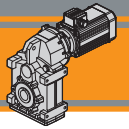
ATSIS 902 F..



Versione F / F Version							
ATS ATSIS	ØA	ØB	ØC f7	□D	ØE	Flangia / Flange	
						Tipo / Type	Peso / Weight [kg]
902	200	165	130	165	11	F200	2
	250	215	180	215	14	F250	3.2

ATS 902.. D35 - ATSIS 902.. D35



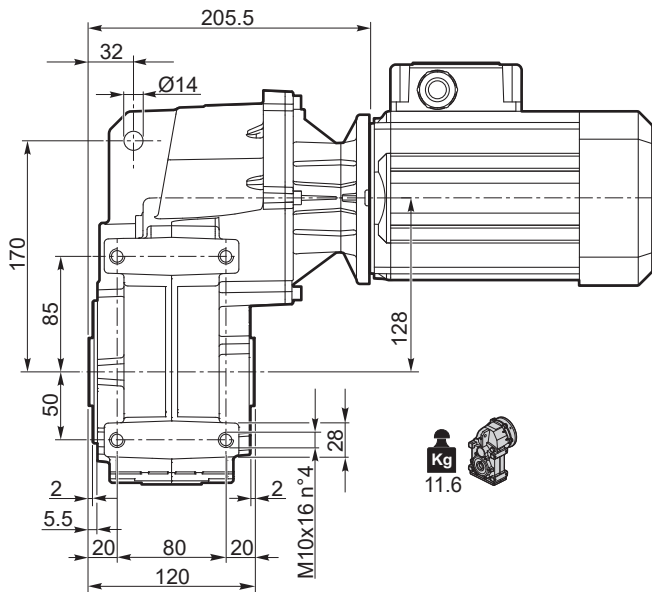


Dimensioni

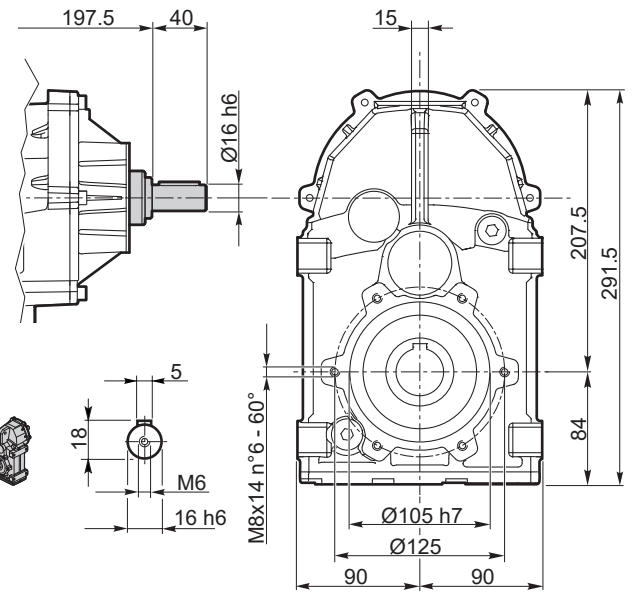
Dimensions

ATS 903

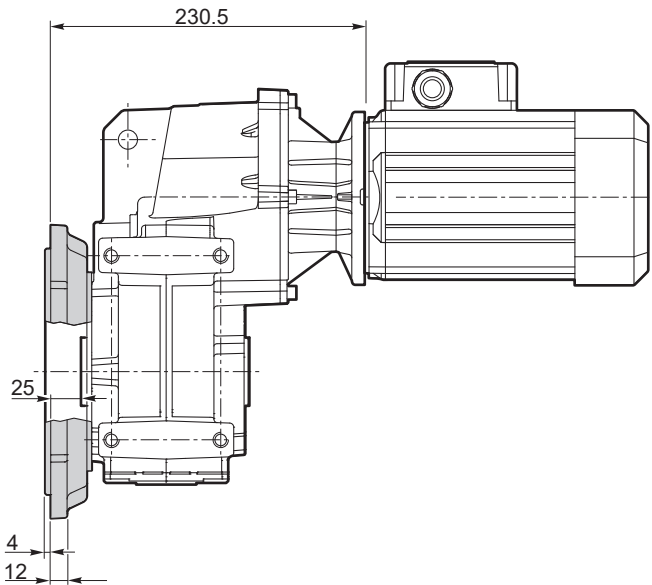
ATS 903 U..



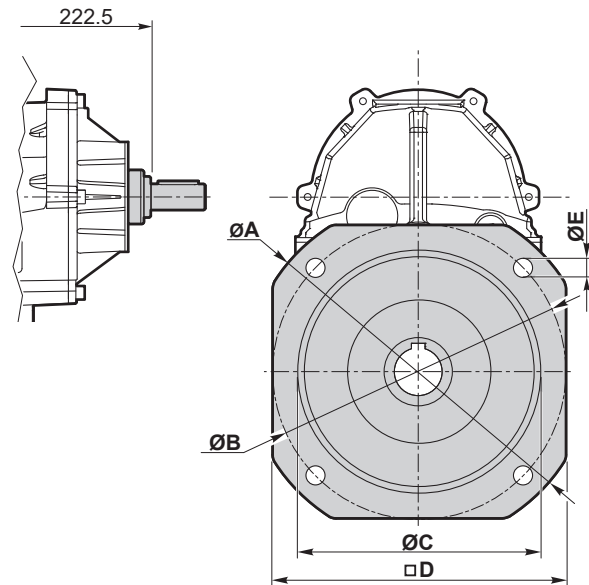
ATSIS 903 U..



ATS 903 F..

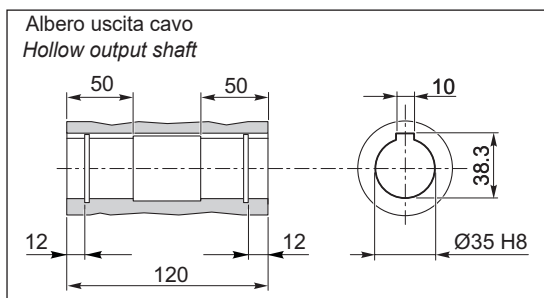


ATSIS 903 F..

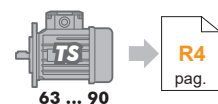


Versione F / F Version							
ATS ATSIS	ØA	ØB	ØC f7	□D	ØE	Flangia / Flange	
						Tipo / Type	Peso / Weight [kg]
903	200	165	130	165	11	F200	2
	250	215	180	215	14	F250	3.2

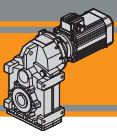
ATS 903.. D35 - ATSIS 903.. D35



Flangia entrata
Input flange

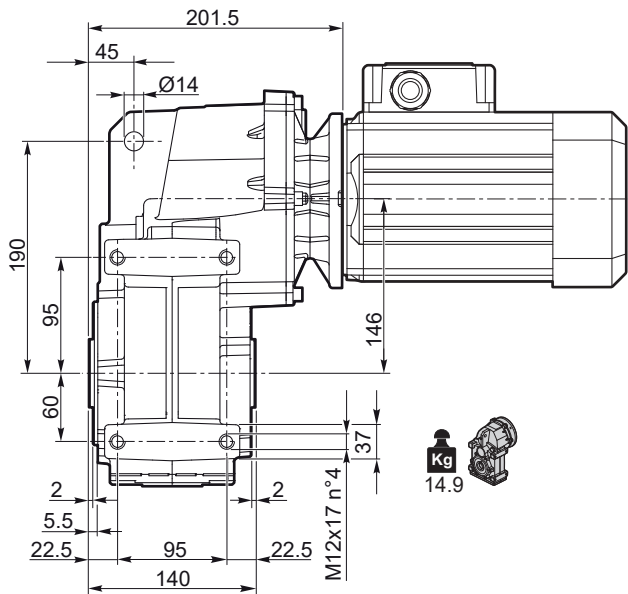


ATS

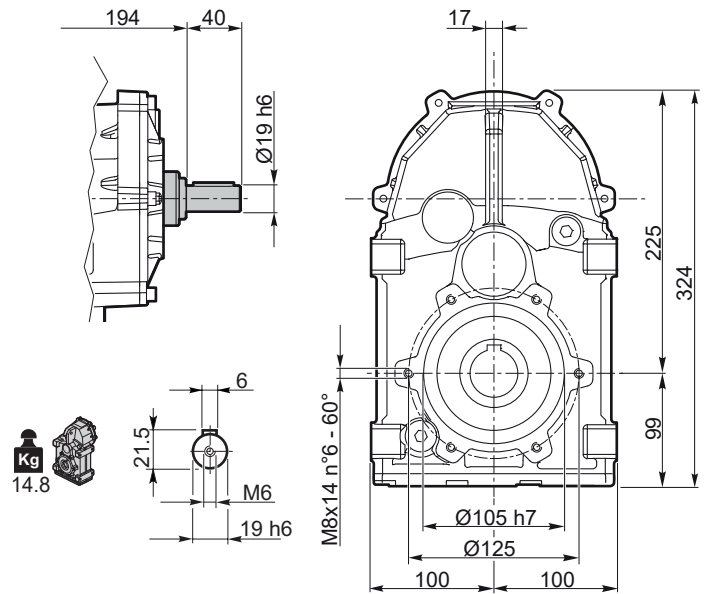


ATS 912

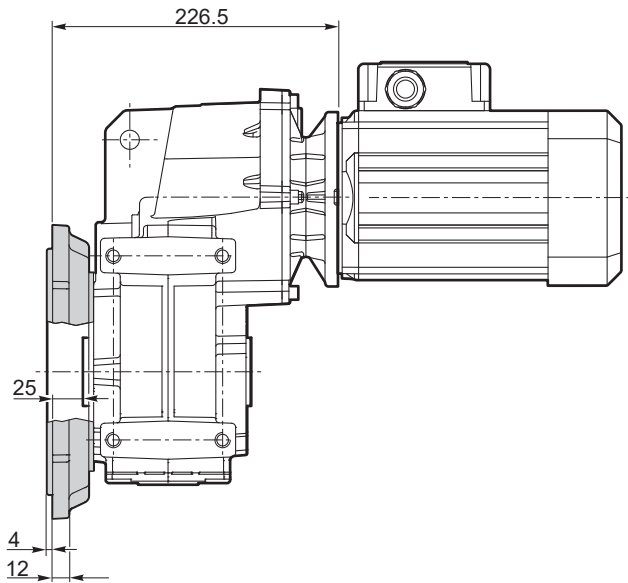
ATS 912 U..



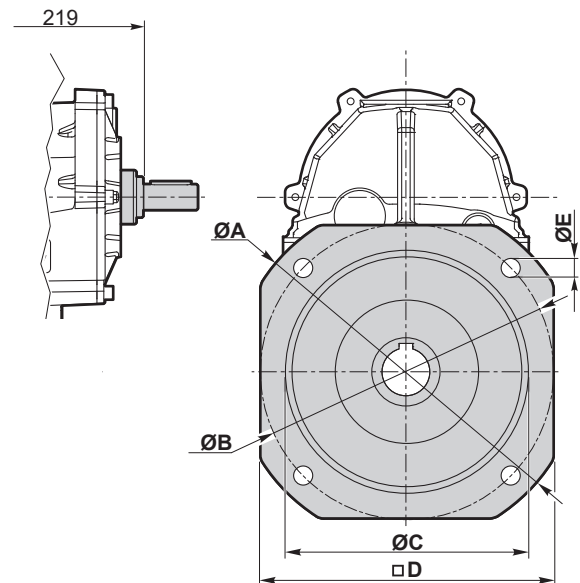
ATSIS 912 U..



ATS 912 F..

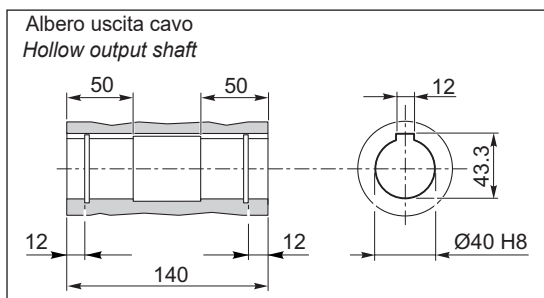


ATSIS 912 F..

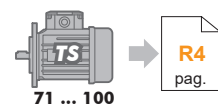


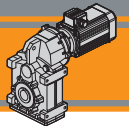
Versione F / F Version							
ATS ATSIS	ØA	ØB	ØC f7	□D	ØE	Flangia / Flange	
						Tipo / Type	Peso / Weight [kg]
912	200	165	130	165	11	F200	2
	250	215	180	215	14	F250	3.2

ATS 912.. D40 - ATSIS 912.. D40



Flangia entrata
Input flange



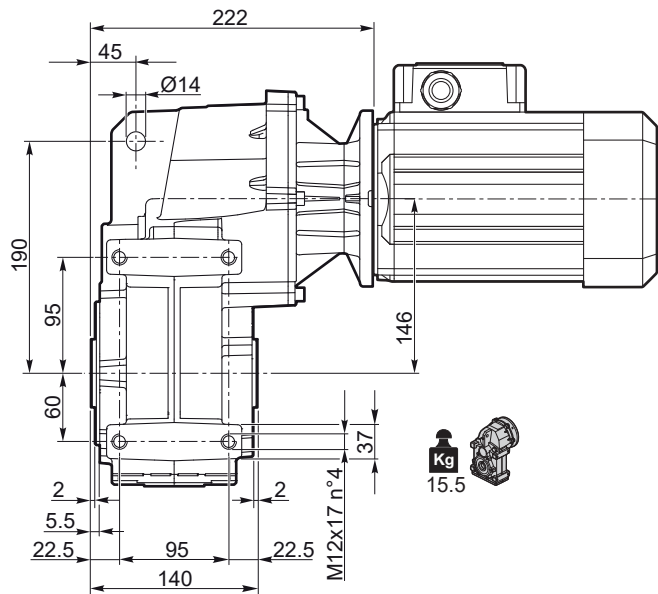


Dimensioni

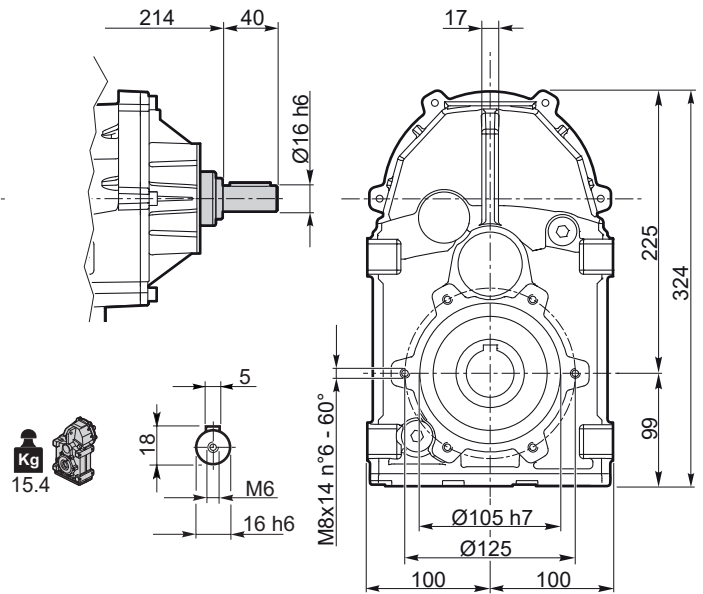
Dimensions

ATS 913

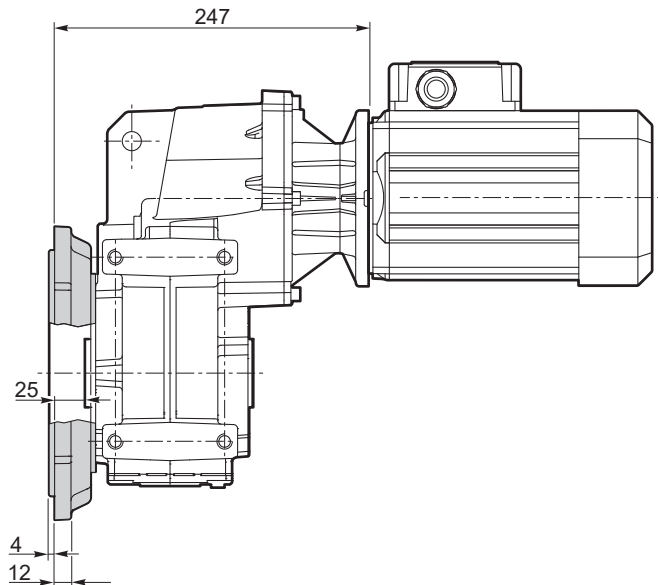
ATS 913 U..



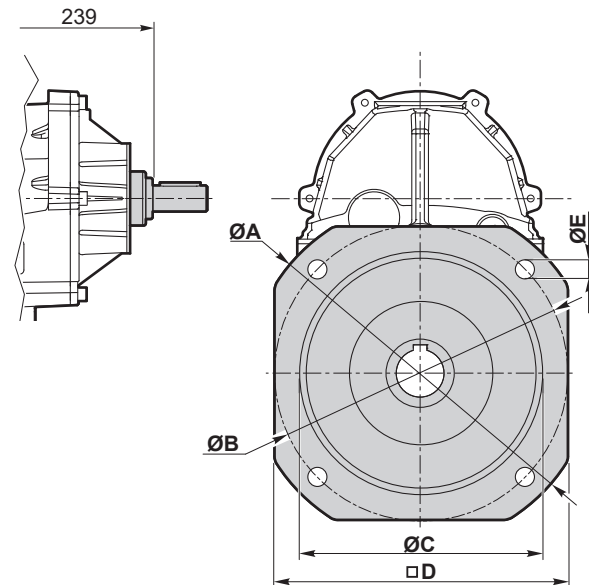
ATSIS 913 U..



ATS 913 F..



ATSIS 913 F..



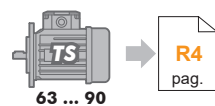
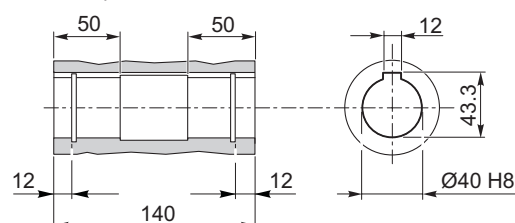
Versione F / F Version							
ATS ATSIS	ØA	ØB	ØC f7	□D	ØE	Flangia / Flange	
						Tipo / Type	Peso / Weight [kg]
913	200	165	130	165	11	F200	2
	250	215	180	215	14	F250	3.2

ATS 913.. D40 - ATSIS 913.. D40

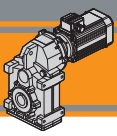
Flangia entrata
Input flange



Albero uscita cavo
Hollow output shaft



ATS



Accessori

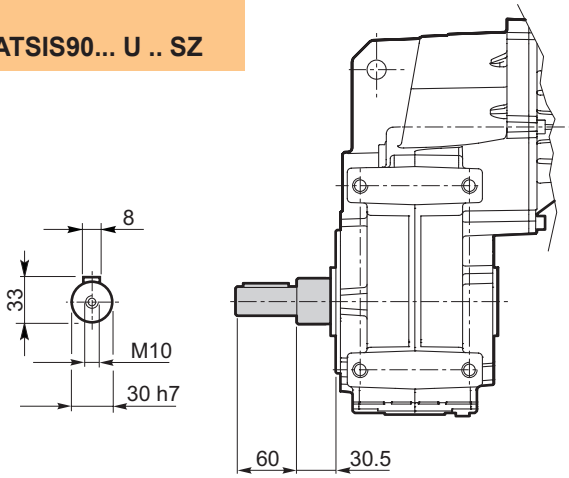
Accessories

Albero lento semplice

Single output shaft

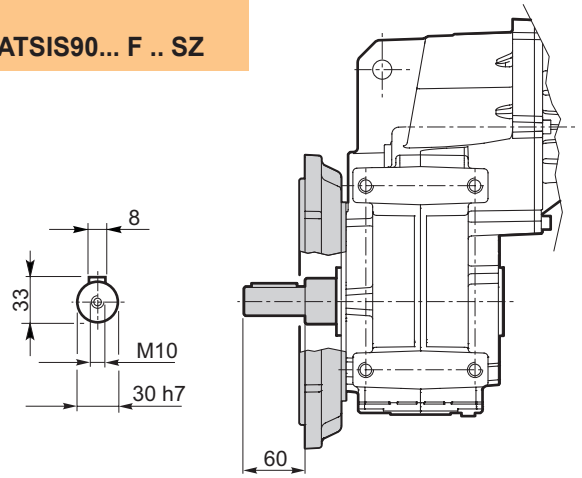
ATS90... U .. SZ

ATSIS90... U .. SZ



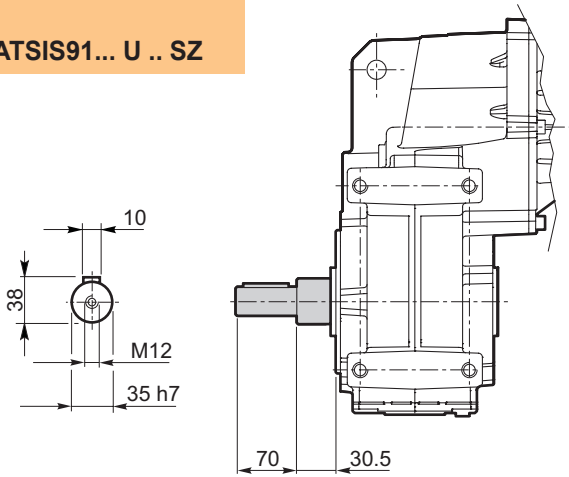
ATS90... F .. SZ

ATSIS90... F .. SZ



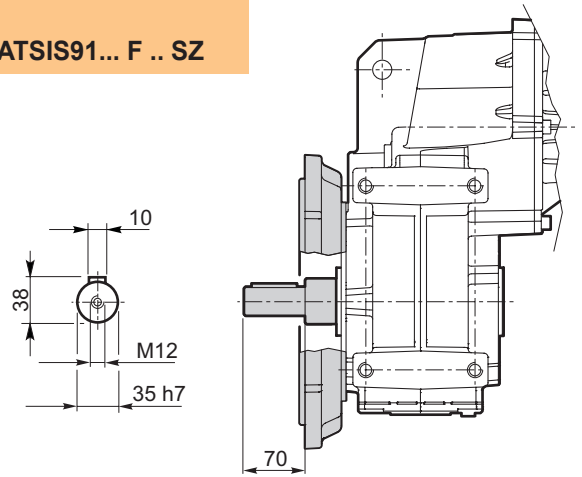
ATS91... U .. SZ

ATSIS91... U .. SZ



ATS91... F .. SZ

ATSIS91... F .. SZ

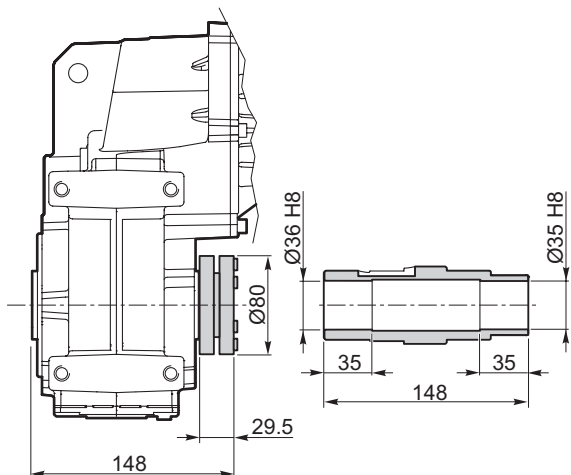


Albero lento con calettatore

Output shaft with shrink disk

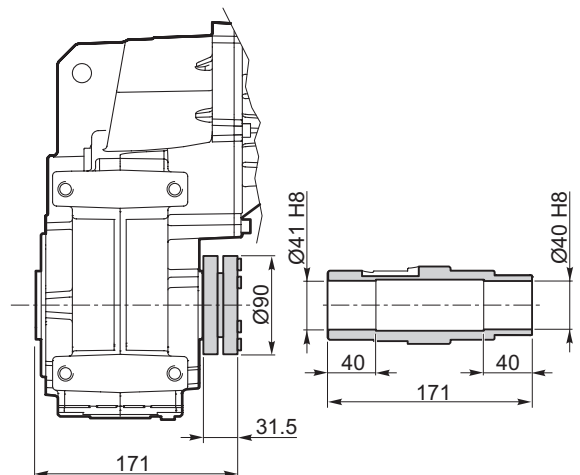
ATS90... U .. G35

ATSIS90... U .. G35



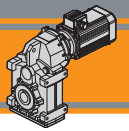
ATS91... U .. G40

ATSIS91... U .. G40



Kit albero uscita con calettatore disponibile a richiesta:
per le istruzioni di montaggio riferirsi al nostro Servizio Tecnico.

Output shaft kit with shrink disk available on request:
for assembly instructions please contact our Technical Service



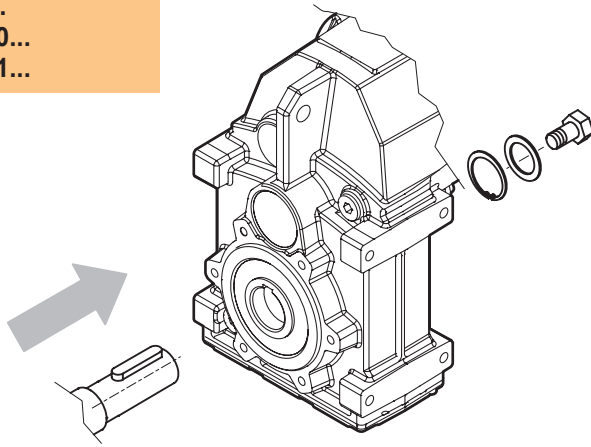
Accessori

Accessories

Kit di montaggio albero uscita

Output shaft assembly kit

ATS90...
ATS91...
ATSIS90...
ATSIS91...



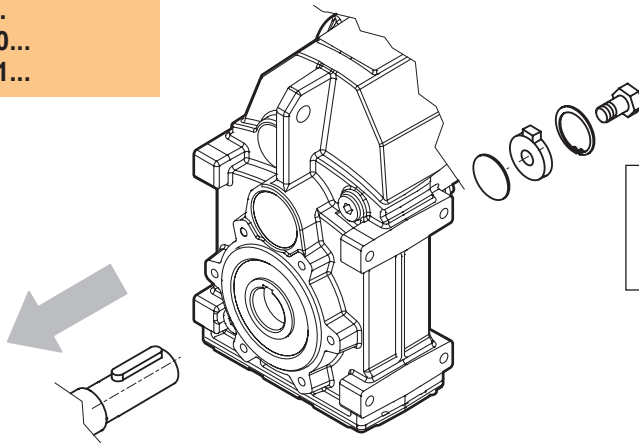
Kit di montaggio albero uscita disponibile a richiesta:
per le istruzioni di montaggio riferirsi al nostro Servizio Tecnico.

*Output shaft assembly kit available upon request:
for assembly instructions please contact our Technical Assistance*

Kit di smontaggio albero uscita

Output shaft disassembly kit

ATS90...
ATS91...
ATSIS90...
ATSIS91...



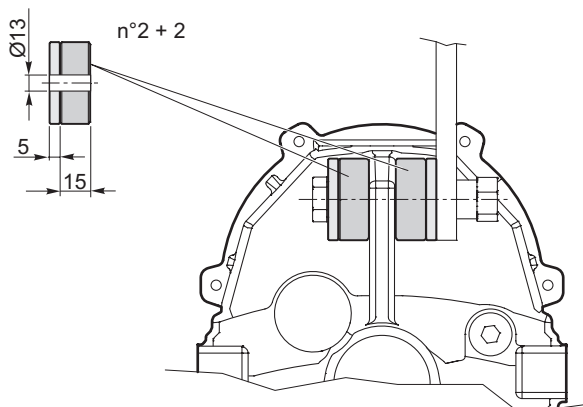
Kit di smontaggio albero uscita disponibile a richiesta:
per le istruzioni di montaggio riferirsi al nostro Servizio Tecnico.

*Output shaft disassembly kit available upon request:
for assembly instructions please contact our Technical Assistance*

Kit braccio di reazione

Torque arm kit

ATS90...U
ATS91...U
ATSIS90...U
ATSIS91...U



Kit braccio di reazione disponibile a richiesta:
per le istruzioni di montaggio riferirsi al nostro Servizio Tecnico.

*Torque arm kit available upon request:
for assembly instructions please contact our Technical Assistance*

ATS



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