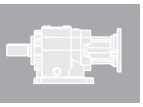


▪ QUICK SELECTION / Selezione veloce

input speed (n_1) = 1400 min^{-1}

Output Speed n_2 [min^{-1}]	Ratio i	Motor power P_{1M} [kW]	Output torque M_{2M} [Nm]	Service factor f.s.	Nominal power P_{1R} [kW]	Nominal torque M_{2R} [Nm]	Available B5 motor flanges -B 63	-C 71	-D 80	-E 90	-F 100 112	Available B14 motor flanges -Q 71	-R 80	-T 90	-U 100 112		Output Shaft ø	Ratios code
22.3	**62.76**	2.2	874	1.0	**2.15**	**865**	B					C	C			191213		01
20.2	**69.28**	2.2	965	0.9	**1.95**	**865**	B					C	C			191212		02
19.2	**72.75**	1.5	698	1.2	**1.85**	**865**	B					C	C			171213		03
17.4	**80.29**	1.5	771	1.1	**1.68**	**865**	B					C	C			171212		04
16.4	**85.39**	1.5	820	1.1	**1.58**	**865**	B					C	C			151213		05
14.9	**94.25**	1.5	905	1.0	**1.43**	**865**	B					C	C			151212		06
13.7	**101.92**	1.1	715	1.2	**1.32**	**865**	B					C	C			131213	**standard ø40**	07
12.4	**112.50**	1.1	789	1.1	**1.20**	**865**	B					C	C			131212		08
11.9	**117.29**	1.1	822	1.1	**1.15**	**865**	B					C	C			151210		09
10.1	**139.13**	1.1	976	0.9	**0.97**	**865**	B					C	C			101213	ø45 On request	10
9.1	**153.56**	0.75	739	1.2	**0.88**	**865**	B					C	C			101212		11
7.7	**181.57**	0.75	873	1.0	**0.74**	**865**	B					C	C			91213		12
7.0	**200.42**	0.55	711	1.2	**0.67**	**865**	B					C	C			91212		13
5.6	**249.41**	0.55	885	1.0	**0.54**	**865**	B					C	C			91210		14
4.3	**329.33**	0.37	781	1.1	**0.41**	**865**	B					C	C			71210		15

The dynamic efficiency is **0.94** for all ratios

Motor Flanges Available Flange Motore Disponibili

B) **Supplied with Reduction Bushing** Fornito con Bussola di Riduzione

B) **Available on Request without reduction bushing** Disponibile a Richiesta senza Bussola di Riduzione

C) **Motor Flange Holes Position** Posizione Fori Flangia Motore

EN Unit **813C** is supplied with synthetic oil for lifetime lubrication, no maintenance is necessary.
See table 1 for lubrication and recommended quantity.
In table 2 please see possible radial loads and axial loads on the gearbox.

I Il riduttore **813C** viene fornito completo di olio sintetico per la lubrificazione permanente e non necessita di alcuna manutenzione.
Vedi tab.1 per oli e quantità consigliati.
In tab.2 sono presenti i carichi radiali e assiali applicabili al riduttore.

D Das Getriebe **813C** ist mit synthetischem Öl gefüllt und ist lebensdauergeschmiert.
In Tabelle 1 ist die Schmiermenge und das empfohlene Schmiermittel angegeben.
In Tabelle 2 sind die zulässigen Radial - und Axialbelastungen des Getriebes aufgeführt.

F Le réducteur **813C** est fourni complet avec de l'huile synthétique pour la lubrification permanente et ne nécessite aucun entretien.
Voir tableau 1 concernant les huiles et les quantités conseillées.
Les charges radiales et axiales applicables au réducteur sont précisées dans le tableau 2.

E El reductor tamaño **813C** se suministra, lubricado de por vida con aceite sintético y no requiren mantenimiento alguna.
Ver tabla 1, para cantidades y aceites recomendados.
En la tabla 2, se encuentran las cargas radiales y axiales admitidas por el reductor.

B3	B6	B7	B8	V5	V6	V8
1.60 LT	2.20 LT	1.80 LT	1.70 LT	2.80 LT	1.90 LT	Ask

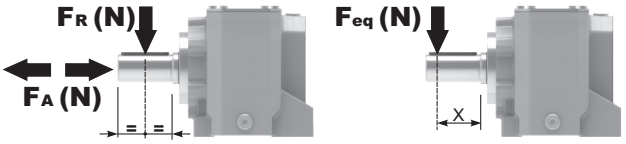
SHELL Omala S4 WE 320 | **ENI** Telium VSF 320

For all details on lubrication and plugs check our website **tab. 1**
Per maggiori dettagli su lubrificazione e tappi olio vedi il nostro sito web

RADIAL AND AXIAL LOADS

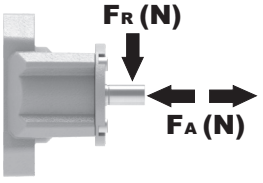
Output shaft
Albero di uscita

$$Feq = FR \cdot \frac{78}{X+38}$$



n_2	FA	FR	n_2	FA	FR	n_2	FA	FR
300	1300	6500	**140**	1780	8900	**70**	2200	11000
250	1420	7100	**120**	1900	9500	**40**	2360	11800
200	1600	8000	**85**	2040	10200	**15**	2400	12000

Input shaft
Albero in entrata

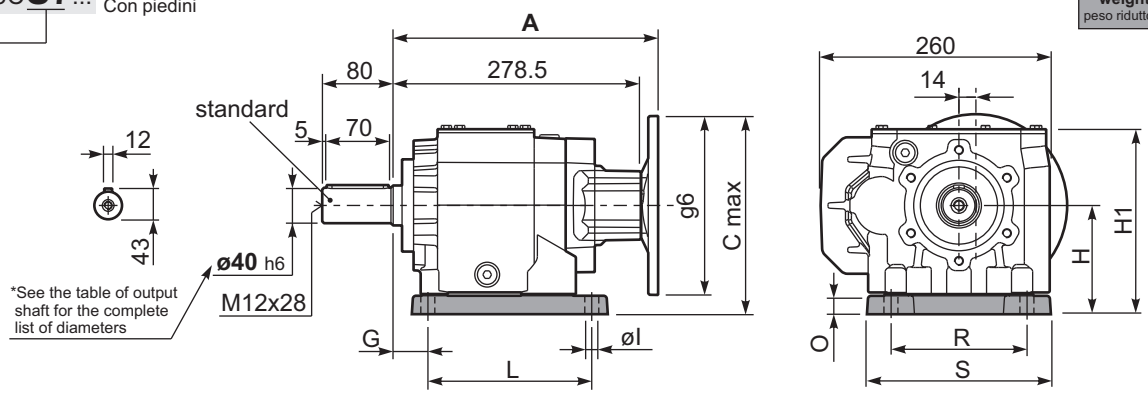


n_1	FA	FR
1400	400	2000
900	440	2200
500	440	2200

tab. 2

P813C**S7**... With feet
Con piedini

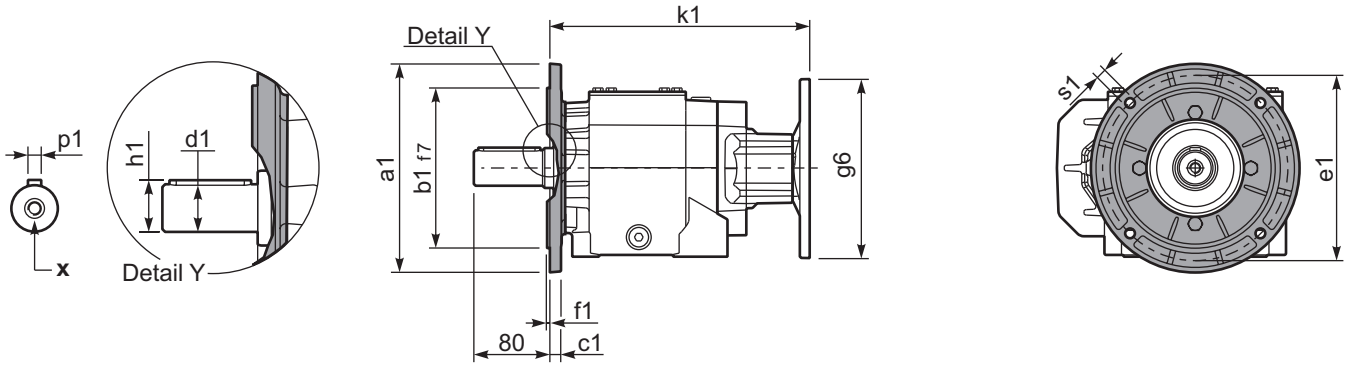
Gearbox weight peso riduttore: With flange **34.8 kg**, With feet **40.3 kg**



Feet / piedini

Feet Code	Market reference	G	H	R	L	S	H1	O	øl	B5 max. Flange	kit code
B5	512/3	25	155	225	156	270	245.5	30	18	-	KC81.9.022
S7	77	35	140	170	205	230	230.5	30	17.5	-	KC81.9.024

P813C**-F**... Output flanges
flange di uscita



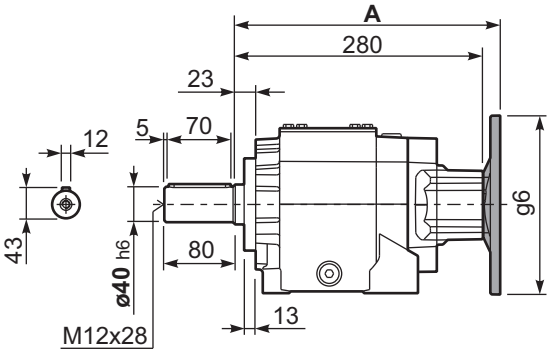
***Available output shaft** / Albero di uscita

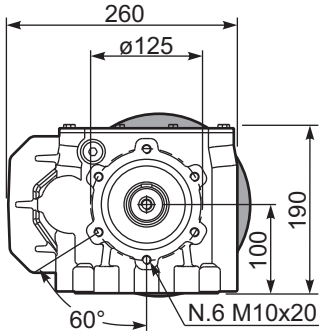
	Shaft - d1	p1	h1	x
Standard	ø 40x80	12	43	M12x28
On request A richiesta	ø 45x90	14	48.5	M14x34

Available output flanges / flange di uscita

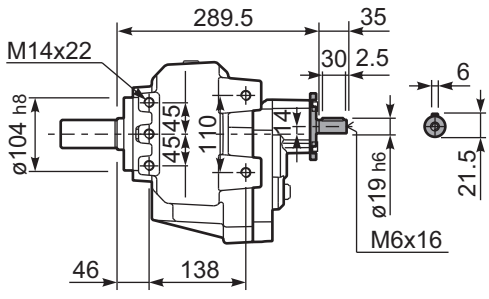
a1 ø	b1	c1	e1	f1	s1	kit code	
250	180	13	215	4	14	KC81.9.013	With flange and feet only on request. Ask for compatibility
300	230	16	265	4	14	KC81.9.014	
-	-	-	-	-	-	-	

P813C**-N**... Basic gearbox
Riduttore base





R813C**-N**... Input Shaft
Albero in entrata



B5 Motor Flanges	A	C_{max}	g6	k1	kit code
63 B5	299	225	140	299	K063.4.041
71 B5	297	235	160	297	K063.4.042
80/90 B5	299	255	200	299	K063.4.043
100/112 B5	314	280	250	314	KC40.4.043

B14 Motor Flanges	A	C_{max}	g6	k1	kit code
71 B14	297	207.5	105	297	K063.4.047
80 B14	299	215	120	299	K063.4.046
90 B14	299	225	140	299	K063.4.041
100/112 B14	314	235	160	314	KC40.4.041