

## QUICK SELECTION / Selezione veloce

input speed ( $n_1$ ) = 1400 min<sup>-1</sup>

Output Speed $n_2$ [min <sup>-1</sup> ]	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					Available B14 motor flanges				Output Shaft 	Ratios code	
							C	D	E	F	G	R	T	U	V			
							71	80	90	100 112	132	80	90	100 112	132			
176	<b>7.94</b>	7.5	369	1.0	7.5	380	B										302418	01
153	<b>9.13</b>	7.5	425	0.9	6.7	390	B										302416	02
131	<b>10.66</b>	5.5	366	1.1	6.0	410	B										302414	03
94	<b>14.97</b>	5.5	514	1.1	6.0	580	B										202418	04
81	<b>17.21</b>	5.5	591	1.0	5.4	600	B										202416	05
69	<b>20.24</b>	5.5	695	1.0	5.2	675	B										162418	06
60	<b>23.27</b>	4	585	1.2	4.5	675	B										162416	07
53	<b>26.31</b>	4	661	1.0	4.0	675	B										132418	08
46.3	<b>30.25</b>	4	760	0.9	3.5	675	B										132416	09
39.6	<b>35.32</b>	3	668	1.0	3.0	675	B										132414	10
37.8	<b>37.03</b>	3	701	1.0	2.8	675	B										112416	11
32.4	<b>43.23</b>	2.2	602	1.1	2.4	675	B										112414	12
30.1	<b>46.58</b>	2.2	649	1.0	2.3	675	B										82418	13
26.1	<b>53.55</b>	2.2	746	0.9	2.0	675	B										82416	14
22.4	<b>62.52</b>	1.5	600	1.1	1.7	675	B										82414	15
19.0	<b>73.75</b>	1.1	517	1.1	1.2	580	B										62416	16
16.3	<b>86.09</b>	1.1	604	1.1	1.2	675	B										62414	17

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 **113C** 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 **113C** 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 **113C** 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.

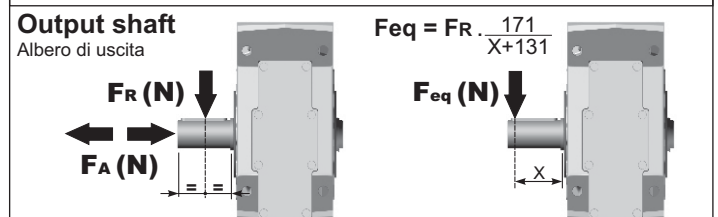
**F** Le réducteur **113C** est fourni complet avec de l'huile synthétique pour la lubrification permanente et ne nécessite aucun entretien. Voir tableau 1 concernant les huiles et les quantités conseillées. Les charges radiales et axiales applicables au réducteur sont précisées dans le tableau 2.

**E** El reductor tamaño **113C** se suministra, lubricado de por vida con aceite sintético y no requieren 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.

Standard supplied	For these mounting position specify in the order or add oil Per queste posizioni specificare in fase d'ordine o aggiungere olio					
4.00 LT	2.60 LT	2.60 LT	2.60 LT	5.15 LT	2.20 LT	Ask
AGIP Telium VSF 320			SHELL Omala S4 WE 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

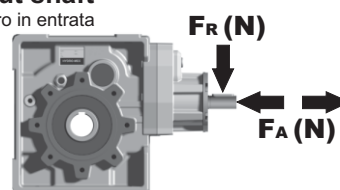
## RADIAL AND AXIAL LOADS



$n_2$	FA	FR	$n_2$	FA	FR	$n_2$	FA	FR
300	640	3200	140	860	4300	70	1080	5400
250	700	3500	120	900	4500	40	1300	6500
200	740	3700	85	1000	5000	15	1840	9200

On request reinforced bearings to increase loads.  
A richiesta cuscinetti rinforzati per aumentare i carichi.

Input shaft  
Albero in entrata



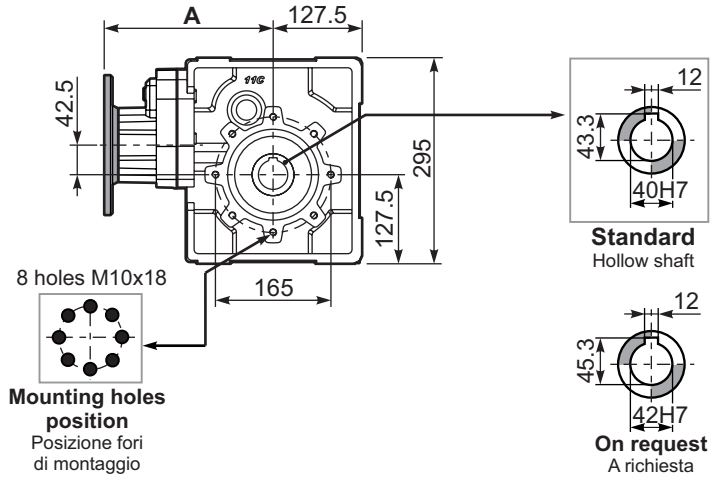
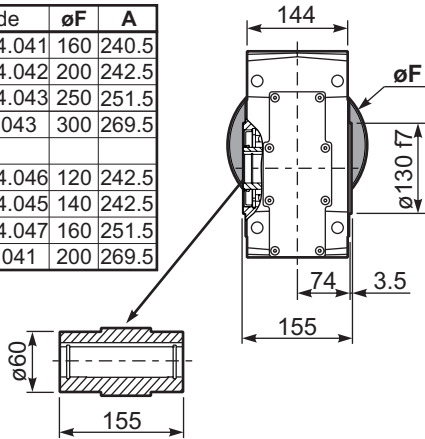
$n_1$	FA	FR
1400	400	2000
900	440	2200
500	440	2200

tab. 2

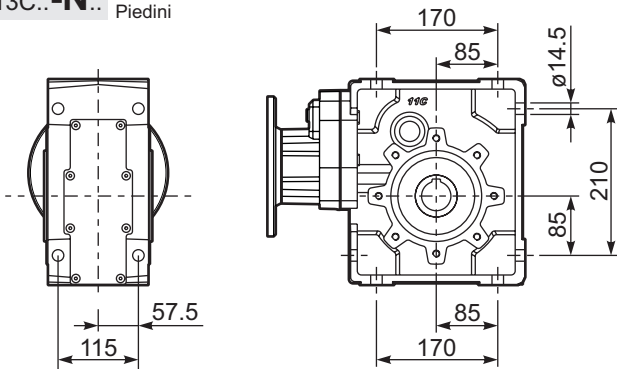
**P113CC...** Basic Gearbox  
Riduttore base

Gearbox weight  
peso riduttore **38.0 kg**

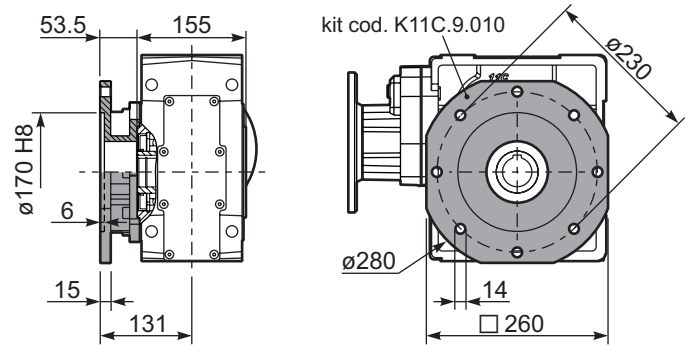
M. flanges	Kit code	øF	A
71B5	KC023.4.041	160	240.5
80/90B5	KC023.4.042	200	242.5
100/112B5	KC023.4.043	250	251.5
132B5	KC50.4.043	300	269.5
80B14	KC085.4.046	120	242.5
90B14	KC085.4.045	140	242.5
100/112B14	KC085.4.047	160	251.5
132B14	KC50.4.041	200	269.5



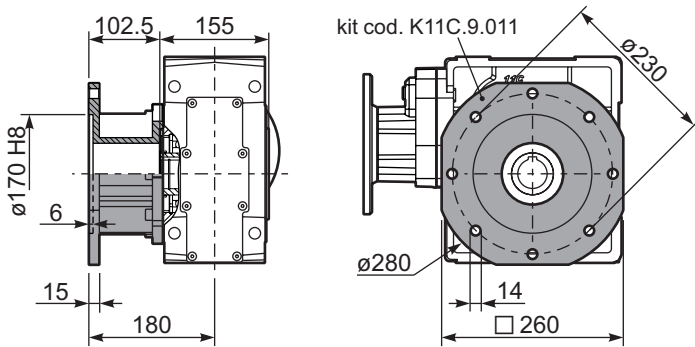
**P113C..-N..** Feet  
Piedini



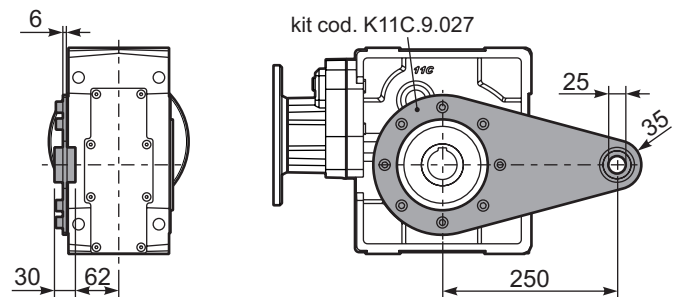
**P113C-FC..** Output flange  
Flangia uscita



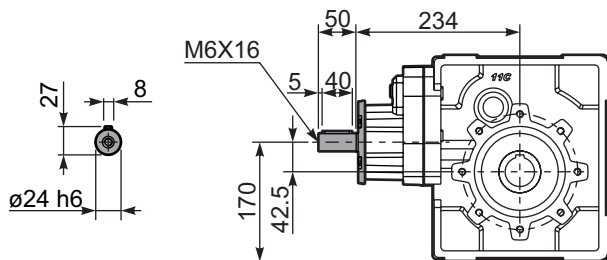
**P113C-FL..** Output flange  
Flangia uscita



**P113CBR..** Reaction Arm  
Braccio di reazione

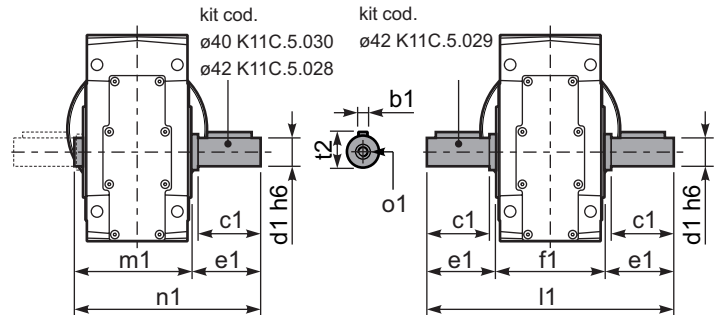


**R113C...** Input shaft  
Albero in entrata



**P113C..A..** Single shaft  
Albero lento semplice

**P113C..B..** Double shaft  
Albero lento bisp.



	b1	c1	d1	e1	f1	l1	m1	n1	t2	o1
ø40 Standard	12	80	40	84.5	-	-	164.5	249	43	M12
ø42 On request	12	80	42	84.5	155	324	164.5	249	45	M16