

## Configuration

Type:	<b>M</b>
Size:	<b>X42L</b>
Input:	<b>71 B14 ø105</b>
Output shaft/bore:	<b>ø25</b>
Mounting:	<b>FB</b>
Mounting position:	<b>B3</b>
Input bore:	<b>ø14</b>
Coupling:	<b>C</b>
Terminal box position:	<b>B</b>

## Technical data

Input rpm ( $n_1$ ):	<b>1400 min<sup>-1</sup></b>
Output rpm ( $n_2$ ):	<b>36.72 min<sup>-1</sup></b>
Ratio (i):	<b>38.12</b>
Nominal power ( $P_{1R}$ ):	<b>0.60 kW</b>
Nominal torque ( $M_{2R}$ ):	<b>150 Nm</b>
Dynamic efficiency (RD):	<b>96%</b>

## Selection

Motor power ( $P_{1M}$ ):	<b>0.37 kW</b>
Output torque ( $M_{2M}$ ):	<b>92 Nm</b>
Service factor (f.s.):	<b>1.6</b>

## Lubrication

Oil quantity:	<b>0.60l</b>
AGIP:	<b>Telium VSF 320</b>
SHELL:	<b>Omala S4 WE 320</b>

## On our website

Features	Installation check list
How to order	Complete catalogue
Dimension	Selection by power (xls)
Accessories/options	
Electric motors	
Selection guide - fs	
Mounting pos. - lubricant	
Calc. the overhung load	

## Note

Customer

Lead time

Price

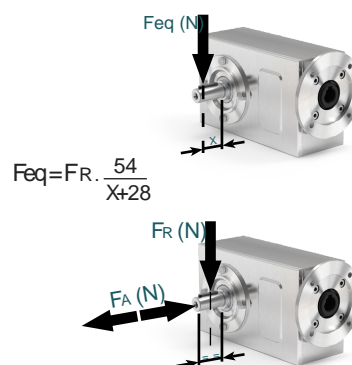


## Direction of rotation



## Axial and radial loads

Output shaft



$$F_{eq} = F_R \cdot \frac{54}{X+28}$$

$n_2$ (min <sup>-1</sup> )	FA (N)	FR (N)
<b>250</b>	500	2500
<b>150</b>	600	3000
<b>100</b>	700	3500
<b>75</b>	800	4000
<b>50</b>	960	4800
<b>25</b>	960	4800
<b>15</b>	960	4800

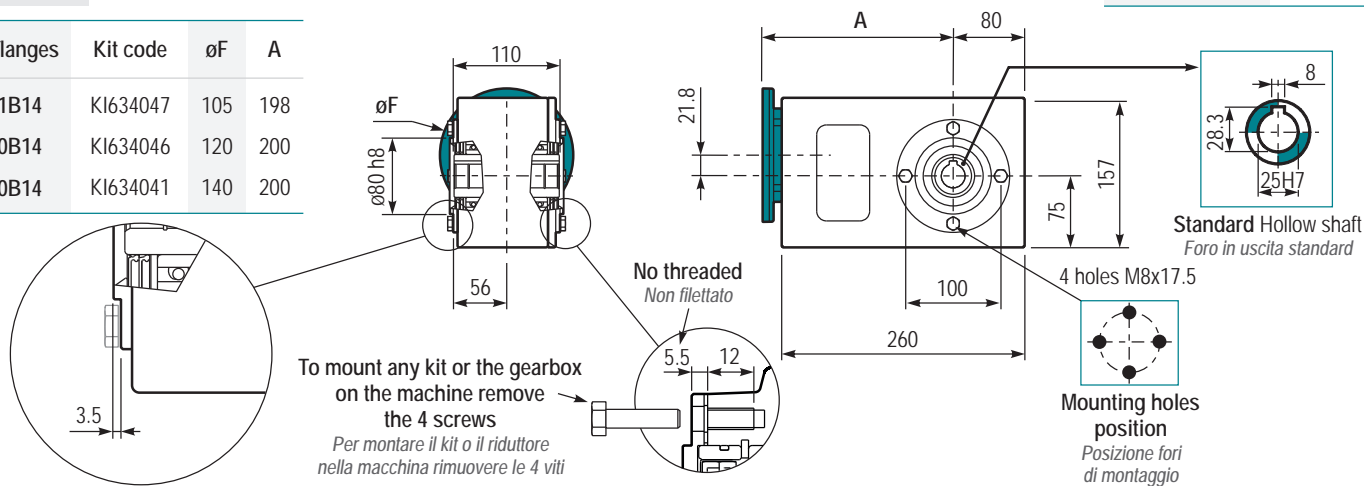
150 Nm

X42L

P<sub>X42L</sub>... Basic gearbox  
Riduttore base

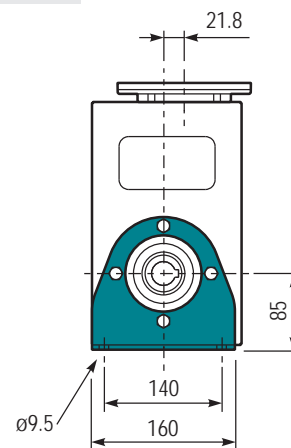
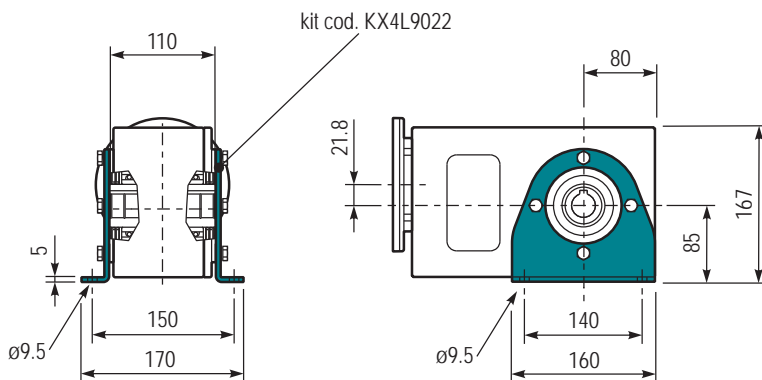
Gearbox weight 10.5 kg  
Peso riduttore

M. flanges	Kit code	øF	A
71B14	KI634047	105	198
80B14	KI634046	120	200
90B14	KI634041	140	200



PX42L PA... Feet  
Piedini

PX42L PV... Feet  
Piedini



PX42L A... Single output shaft  
Albero semplice in uscita

cod. X4L0209  
Protection cap (on request)  
A richiesta coperchio di protezione

PX42L BR... Reaction Arm  
Braccio di reazione

