





The dynamic efficiency is **0.96** for all ratios

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]	B5 motor flanges		B14 motor flanges		Output shaft  ø30	Ratio code 
							-D 80	-E 90	-U 100-112			
232	<b>6.03</b>	3	116	1.2	<b>3.4</b>	<b>135</b>					3011	01
151	<b>9.26</b>	3	179	0.9	<b>2.6</b>	<b>155</b>					308	02
123	<b>11.36</b>	3	219	1.0	<b>3.1</b>	<b>230</b>					2011	03
91	<b>15.36</b>	2.2	218	1.1	<b>2.5</b>	<b>250</b>					1611	04
80	<b>17.46</b>	2.2	248	1.0	<b>2.2</b>	<b>250</b>					208	05
70	<b>19.97</b>	2.2	284	0.9	<b>1.9</b>	<b>250</b>					1311	06
59	<b>23.60</b>	1.5	231	1.1	<b>1.6</b>	<b>250</b>					168	07
57	<b>24.45</b>	1.5	239	1.0	<b>1.6</b>	<b>250</b>					1111	08
45.6	<b>30.69</b>	1.1	220	1.1	<b>1.2</b>	<b>250</b>					138	09
39.6	<b>35.35</b>	1.1	253	1.0	<b>1.1</b>	<b>250</b>					811	10
37.3	<b>37.57</b>	1.1	269	0.9	<b>1.0</b>	<b>250</b>					118	11
28.8	<b>48.68</b>	0.75	239	1.0	<b>0.78</b>	<b>250</b>					611	12
25.8	<b>54.33</b>	0.75	267	0.9	<b>0.70</b>	<b>250</b>					88	13
18.7	<b>74.81</b>	0.55	271	0.8	<b>0.43</b>	<b>210</b>					68	14

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

## Lubrication

Lubrificazione

Always specify the mounting position  
Specificare sempre la posizione di montaggio

Unit X52L is supplied with synthetic oil to assure long life lubrication.  
Food grade oil is available on request.

See Table 1 for lubrication and recommended quantity.

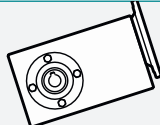
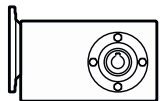
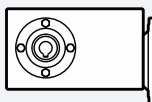
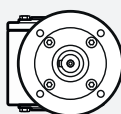
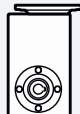

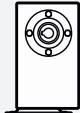
See Table 2 for possible radial and axial loads on the gearbox.

Il riduttore tipo X52L viene fornito con olio sintetico e lubrificazione tipo "long life".

Disponibile a richiesta olio alimentare.

Vedi Tabella 1 per oli e quantità consigliati.

Vedi Tabella 2 per i carichi radiali e assiali applicabili al riduttore.

<b>Agip</b> Telium VSF 320	<b>Shell</b> Omala S4 WE 320	<b>V8</b> On request ASK	
<b>B3</b> Standard 0.90 LT		<b>B8</b> On request 1.40 LT	
<b>B6</b> On request 1.50 LT		<b>V5</b> On request 1.95 LT	
<b>B7</b> On request 0.75 LT		<b>V6</b> On request 1.15 LT	

Tab. 1

## Radial and axial loads

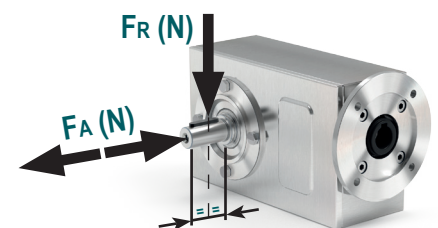
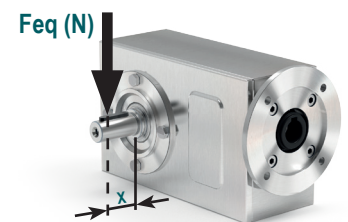
Carichi radiali e assiali

### Output shaft

Albero di uscita

$n_2$ [min <sup>-1</sup> ]	$F_A$ [N]	$F_R$ [N]
250	600	3000
150	700	3500
100	800	4000
75	820	4100
50	960	4800
25	1350	6750
15	1660	8300

$$F_{eq} = F_R \cdot \frac{61.5}{X + 31}$$



Tab. 2

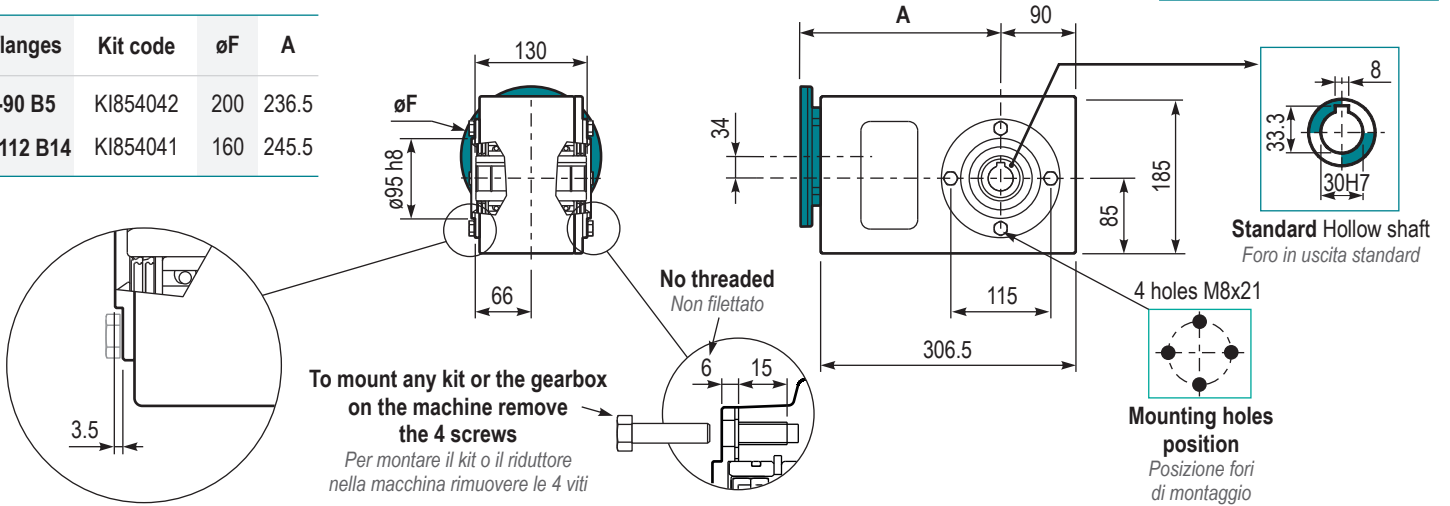
250  
Nm

X52L

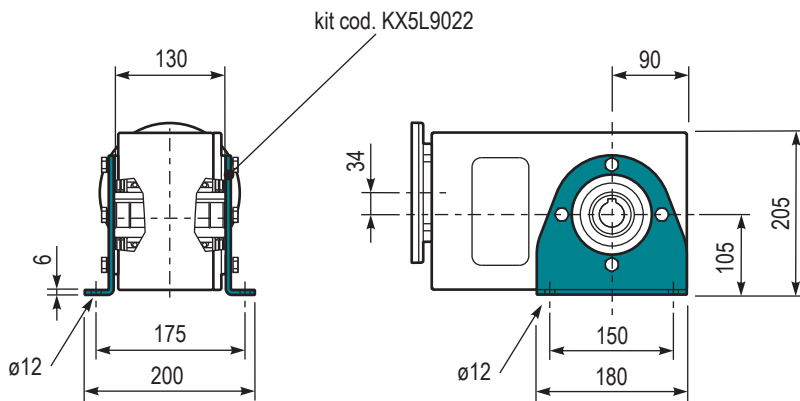
**PX52L...** Basic gearbox  
*Riduttore base*

M. flanges	Kit code	øF	A
80-90 B5	KI854042	200	236.5
100-112 B14	KI854041	160	245.5

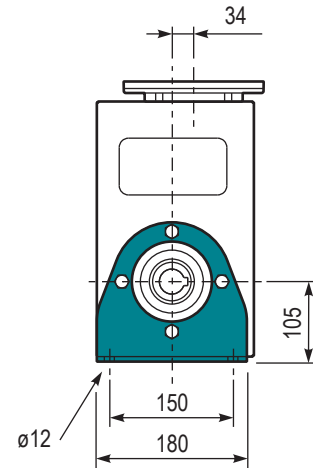
**Gearbox weight** 15.8 kg  
*Peso riduttore*



**PX52L PA..** Feet  
*Piedini*

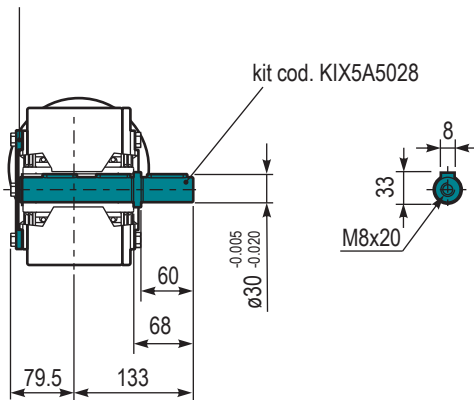


**PX52L PV..** Feet  
*Piedini*



**PX52L A..** Single output shaft  
*Albero semplice in uscita*

cod. X5L0209  
**Protection cap (on request)**  
*A richiesta coperchio di protezione*



**PX52L BR..** Reaction Arm  
*Braccio di reazione*

