


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 	Ratio code
							-	-	-Q 71	-R 80	-T 90		
191	<b>7.33</b>	1.5	72	1.0	<b>1.5</b>	<b>70</b>			C	C		289	01
125	<b>11.22</b>	1.1	80	1.1	<b>1.2</b>	<b>85</b>			C	C		287	02
106	<b>13.26</b>	1.1	95	0.9	<b>0.98</b>	<b>85</b>			C	C		199	03
91	<b>15.37</b>	1.1	110	0.8	<b>0.89</b>	<b>90</b>			C	C		179	04
78	<b>18.04</b>	0.75	89	1.0	<b>0.76</b>	<b>90</b>			C	C		159	05
69	<b>20.30</b>	0.75	100	0.9	<b>0.68</b>	<b>90</b>			C	C		197	06
65	<b>21.54</b>	0.75	106	0.9	<b>0.64</b>	<b>90</b>			C	C		139	07
59	<b>23.53</b>	0.55	85	1.1	<b>0.58</b>	<b>90</b>			C	C	Standard ø20	177	08
51	<b>27.62</b>	0.55	100	0.9	<b>0.50</b>	<b>90</b>			C	C		157	09
47.6	<b>29.40</b>	0.55	106	0.8	<b>0.47</b>	<b>90</b>			C	C		109	10
42.5	<b>32.97</b>	0.37	80	1.1	<b>0.42</b>	<b>90</b>			C	C		137	11
36.5	<b>38.37</b>	0.37	93	1.0	<b>0.36</b>	<b>90</b>			C	C		99	12
31.1	<b>45.00</b>	0.25	73	1.2	<b>0.31</b>	<b>90</b>			C	C		107	13
27.6	<b>50.67</b>	0.25	83	1.1	<b>0.27</b>	<b>90</b>			C	C		79	14
23.8	<b>58.73</b>	0.25	96	0.9	<b>0.23</b>	<b>90</b>			C	C		97	15
18.1	<b>77.55</b>	0.25*	127	0.7	<b>0.18</b>	<b>90</b>			C	C		77	16

\* Power higher than the maximum one which can be supported by the gearbox. Select according to the torque  $M_{2R}$

Potenza superiore a quella massima sopportabile dal riduttore. Selezionare in base al momento torcente  $M_{2R}$

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 X32L 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.

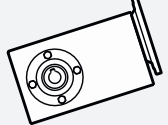
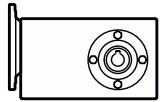
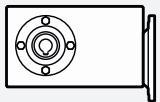
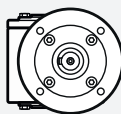
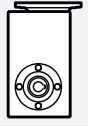
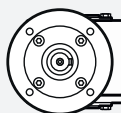
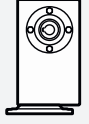
See Table 2 for possible radial and axial loads on the gearbox.

Il riduttore tipo X32L 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 0.40 LT		<b>B8</b> On request 0.60 LT	
<b>B6</b> On request 0.60 LT		<b>V5</b> On request 0.85 LT	
<b>B7</b> On request 0.40 LT		<b>V6</b> On request 0.60 LT	

Tab. 1

## Radial and axial loads

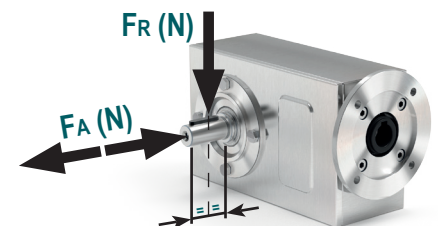
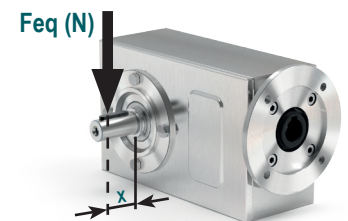
Carichi radiali e assiali

### Output shaft

Albero di uscita

$n_2$ [min <sup>-1</sup> ]	$F_A$ [N]	$F_R$ [N]
250	400	2000
150	450	2250
100	500	2500
75	560	2800
50	560	2800
25	560	2800
15	560	2800

$$F_{eq} = F_R \cdot \frac{47.5}{X + 28.5}$$



Tab. 2

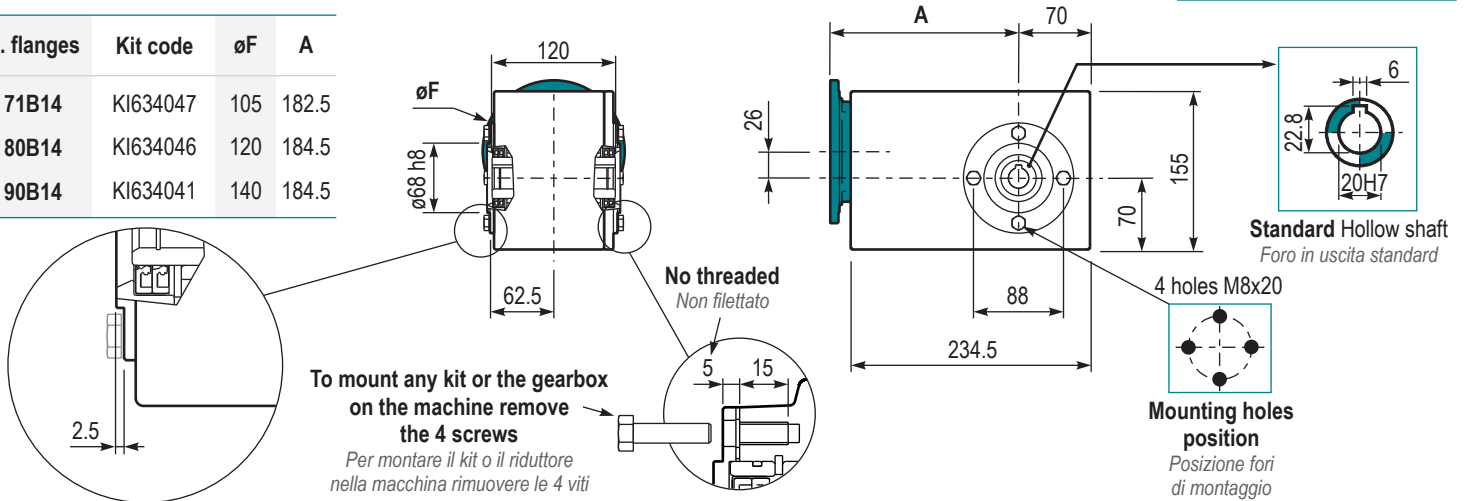
90  
Nm

X32L

**PX32L...** Basic gearbox  
*Riduttore base*

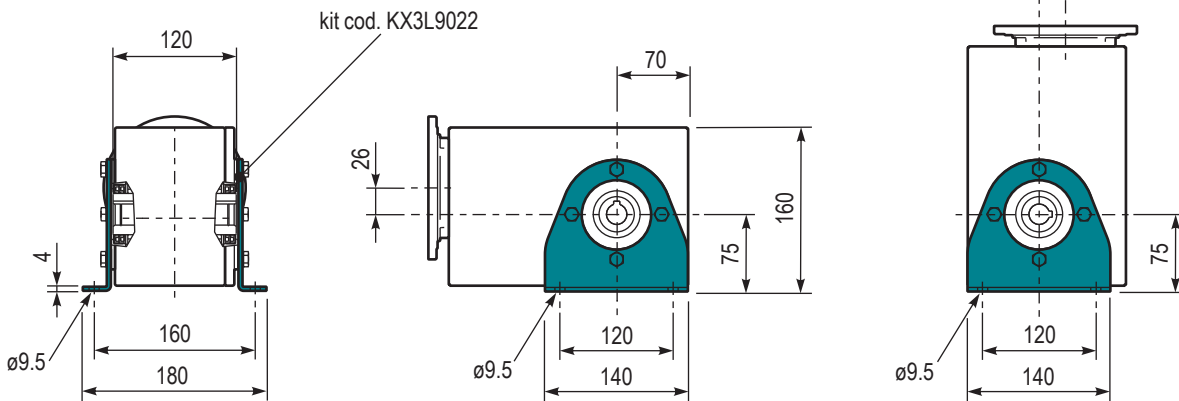
M. flanges	Kit code	øF	A
71B14	KI634047	105	182.5
80B14	KI634046	120	184.5
90B14	KI634041	140	184.5

**Gearbox weight** 12.0 kg  
*Peso riduttore*



**PX32LPA..** Feet  
*Piedini*

**PX32LPV..** Feet  
*Piedini*



**PX32LA..** Single output shaft  
*Albero semplice in uscita*

**PX32LBR..** Reaction Arm  
*Braccio di reazione*

cod. X3L0209  
**Protection cap ( on request )**  
*A richiesta coperchio di protezione*

