


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
							-	-	-	-R	-T	-U		
232	<b>6.03</b>	4	155	1.6	6.1	240	-	-	-	-R	-T	-U	3011	01
151	<b>9.26</b>	4	238	1.1	4.5	270	-	-	-	80	90	100-112	308	02
123	<b>11.36</b>	4	291	1.2	4.7	350	-	-	-	-	-	-	2011	03
91	<b>15.36</b>	4	394	1.0	3.8	385	-	-	-	-	-	-	1611	04
80	<b>17.46</b>	4	448	0.9	3.5	400	-	-	-	-	-	-	208	05
70	<b>19.97</b>	3	386	1.1	3.1	410	-	-	-	-	-	-	1311	06
59	<b>23.60</b>	3	456	0.9	2.7	410	-	-	-	-	-	-	168	07
57	<b>24.45</b>	3	472	0.9	2.6	410	-	-	-	-	-	-	1111	08
45.6	<b>30.69</b>	2.2	436	0.9	2.0	410	-	-	-	-	-	-	138	09
39.6	<b>35.35</b>	1.5	346	1.2	1.8	410	-	-	-	-	-	-	811	10
37.3	<b>37.57</b>	1.5	368	1.1	1.7	410	-	-	-	-	-	-	118	11
28.8	<b>48.68</b>	1.1	348	1.0	1.1	365	-	-	-	-	-	-	611	12
25.8	<b>54.33</b>	1.1	389	1.1	1.2	410	-	-	-	-	-	-	88	13
18.7	<b>74.81</b>	0.75	367	1.0	0.73	360	-	-	-	-	-	-	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

Unit X62N 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.

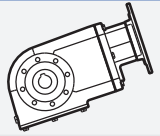
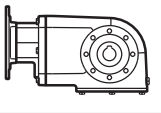
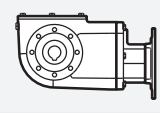
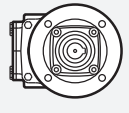
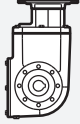
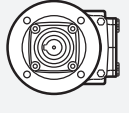
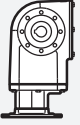
See Table 2 for possible radial and axial loads on the gearbox.

*Il riduttore tipo X62N 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>Shell</b> Omala S4 WE 320	<b>Eni</b> Telium VSF 320	<b>V8</b> On request ASK	
<b>B3</b> Standard 1.05 L		<b>B8</b> On request 1.90 L	
<b>B6</b> On request 1.85 L		<b>V5</b> On request 3.20 L	
<b>B7</b> On request 1.70 L		<b>V6</b> On request 2.25 L	

For more details on lubrication and plugs check our website.

Per maggiori dettagli su lubrificazione e tappi olio vedi il nostro sito web.

Tab. 1

## Radial and axial loads

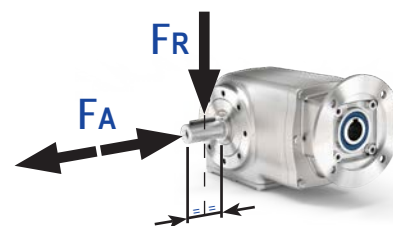
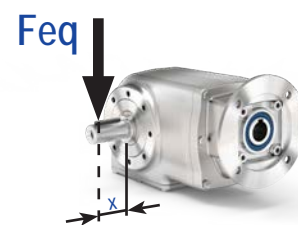
### Carichi radiali e assiali

## Output shaft

### Albero di uscita

$n_2$ [min <sup>-1</sup> ]	$F_A$ [N]	$F_R$ [N]
250	600	3000
150	700	3500
100	780	3900
75	890	4450
50	1140	5700
25	1330	6650
15	1660	8300

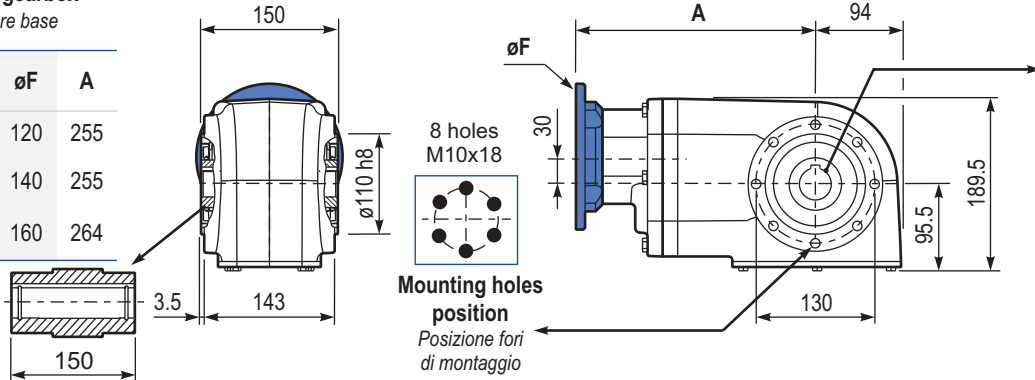
$$F_{eq} = F_R \cdot \frac{168}{X + 138}$$



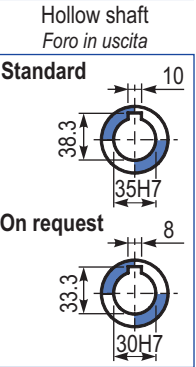
Tab. 2

**PX62NI...FB** Basic gearbox  
Riduttore base

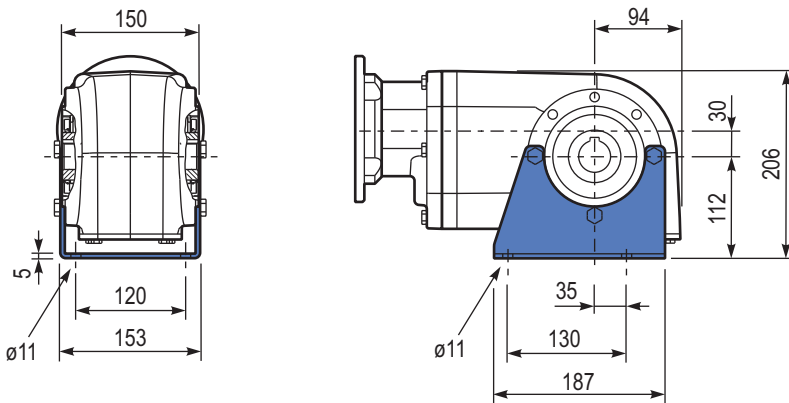
M. flanges	Kit code	øF	A
80B14	KI854046	120	255
90B14	KI854045	140	255
100-112B14	KI854041	160	264



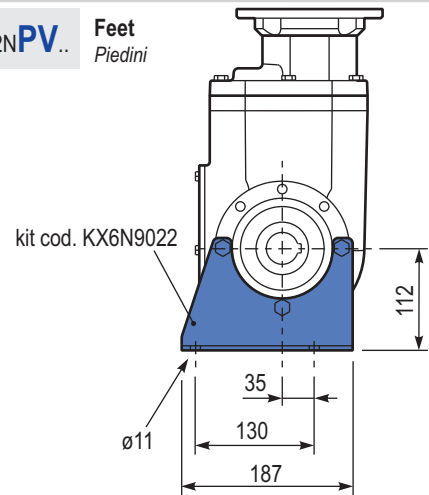
Gearbox weight  
peso riduttore **23.2 kg**



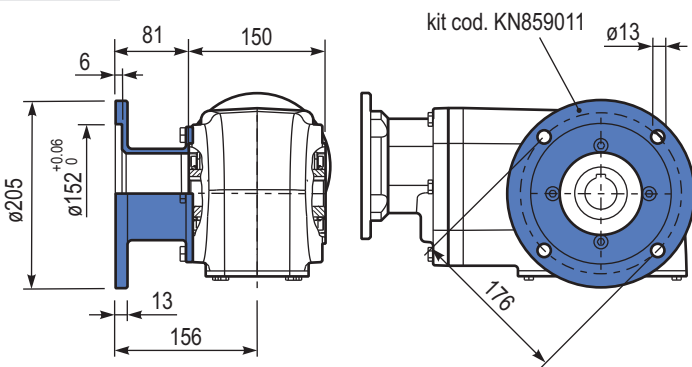
**PX62NPA..** Feet  
Piedini



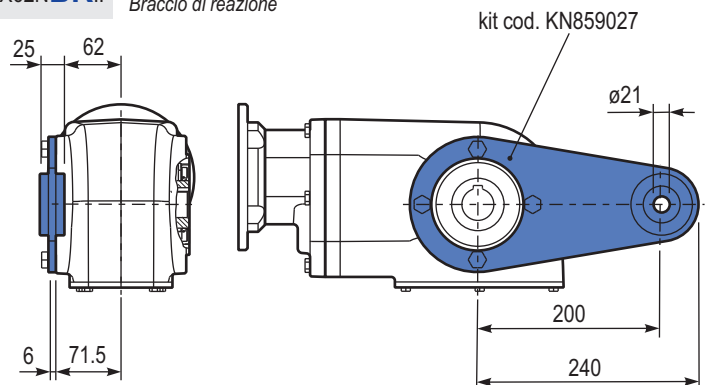
**PX62NPV..** Feet  
Piedini



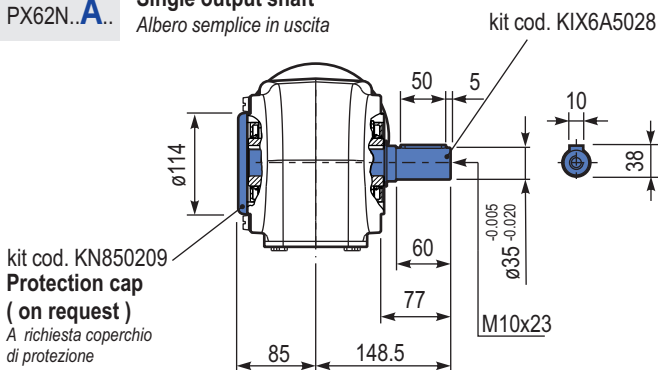
**PX62NFL..** Output flange  
Flangia uscita



**PX62NBR..** Reaction Arm  
Braccio di reazione



**PX62NA..** Single output shaft  
Albero semplice in uscita



kit cod. KN850209  
**Protection cap**  
(on request)  
A richiesta coperchio di protezione

**Suggested**  
Suggerito

Stainless steel protection cap  
(on request).

Coperchio di protezione in acciaio inox a richiesta.

Kit cod. KN850209

