


The dynamic efficiency is **0.94** 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		
							-	-	80	90	100-112		
176	<b>7.94</b>	4	200	1.9	<b>7.5</b>	<b>380</b>						302418	01
153	<b>9.13</b>	4	229	1.7	<b>6.7</b>	<b>390</b>						302416	02
131	<b>10.66</b>	4	268	1.5	<b>6.0</b>	<b>410</b>						302414	03
94	<b>14.97</b>	4	376	1.5	<b>6.0</b>	<b>580</b>						202418	04
81	<b>17.21</b>	4	432	1.4	<b>5.4</b>	<b>600</b>						202416	05
69	<b>20.24</b>	4	509	1.3	<b>5.2</b>	<b>675</b>						162418	06
60	<b>23.27</b>	4	585	1.2	<b>4.5</b>	<b>675</b>						162416	07
53	<b>26.31</b>	4	661	1.0	<b>4.0</b>	<b>675</b>						132418	08
46.3	<b>30.25</b>	4	760	0.9	<b>3.5</b>	<b>675</b>						132416	09
39.6	<b>35.32</b>	3	668	1.0	<b>3.0</b>	<b>675</b>						132414	10
37.8	<b>37.03</b>	3	701	1.0	<b>2.8</b>	<b>675</b>						112416	11
32.4	<b>43.23</b>	2.2	602	1.1	<b>2.4</b>	<b>675</b>						112414	12
30.1	<b>46.58</b>	2.2	649	1.0	<b>2.3</b>	<b>675</b>						82418	13
26.1	<b>53.55</b>	2.2	746	0.9	<b>2.0</b>	<b>675</b>						82416	14
22.4	<b>62.52</b>	1.5	600	1.1	<b>1.7</b>	<b>675</b>						82414	15
19.0	<b>73.75</b>	1.1	517	1.1	<b>1.2</b>	<b>580</b>						62416	16
16.3	<b>86.09</b>	1.1	604	1.1	<b>1.2</b>	<b>675</b>						62414	17

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 X73N is supplied with synthetic oil to assure long life lubrication. Food grade oil is available on request.

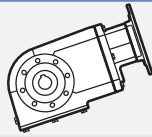
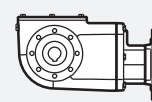
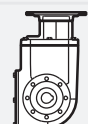
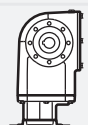
See Table 1 for lubrication and recommended quantity.

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

Il riduttore tipo X73N 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.

Shell	Eni	V8	
Omala S4 WE 320	Telium VSF 320	On request ASK	
B3		B8	
Standard		On request 2.90 L	
1.60 L			
B6		V5	
On request		On request 4.60 L	
2.80 L			
B7		V6	
On request		On request 3.30 L	
2.10 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

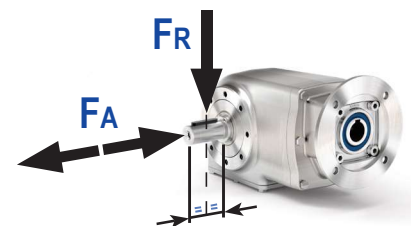
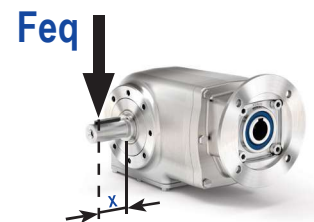
Carichi radiali e assiali

### Output shaft

Albero di uscita

$n_2$ [min <sup>-1</sup> ]	$F_A$ [N]	$F_R$ [N]
300	1360	6800
250	1400	7000
200	1440	7200
140	1480	7400
120	1520	7600
85	1560	7800
70	1720	8600
40	1840	9200
15	1920	9600

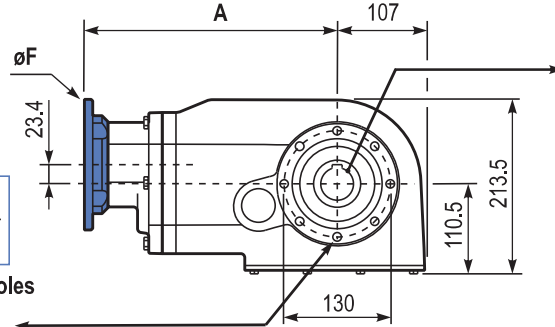
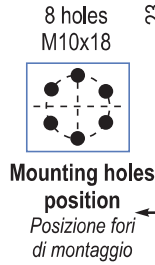
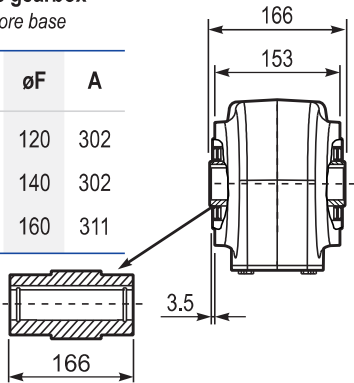
$$F_{eq} = F_R \cdot \frac{178.5}{X + 145.5}$$



Tab. 2

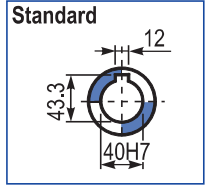
**PX73NI...FB** Basic gearbox  
Riduttore base

M. flanges	Kit code	øF	A
80B14	KI854046	120	302
90B14	KI854045	140	302
100-112B14	KI854041	160	311

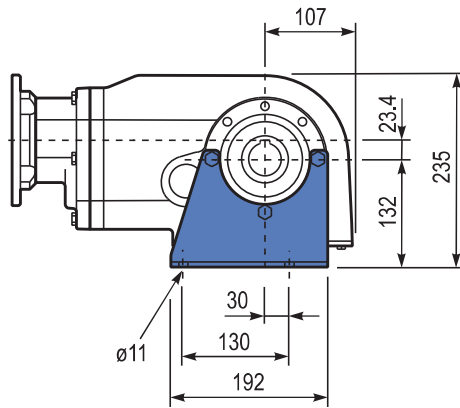
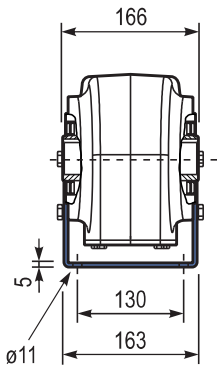


Gearbox weight  
peso riduttore **31.0 kg**

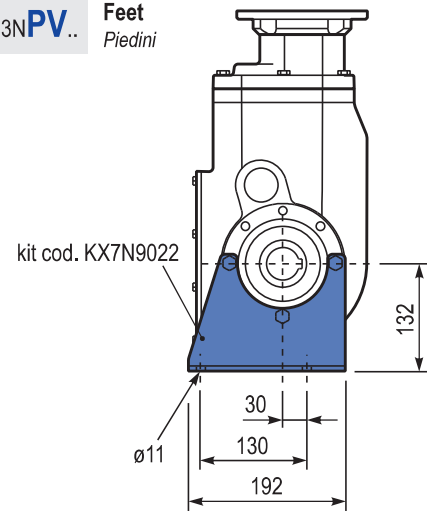
Hollow shaft  
Foro in uscita



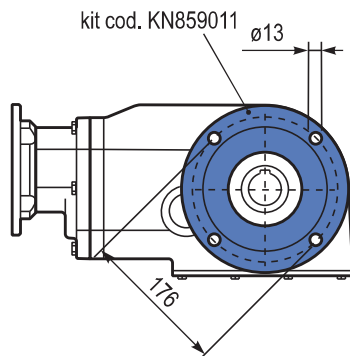
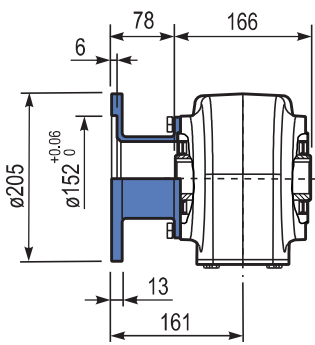
**PX73NPA...** Feet  
Piedini



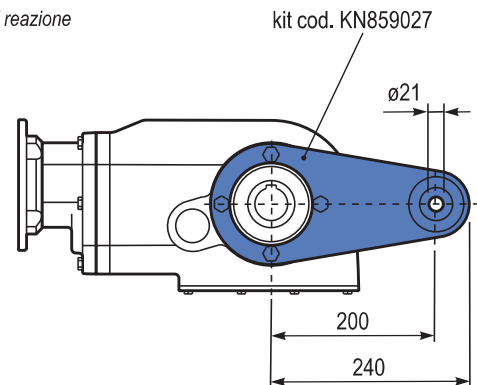
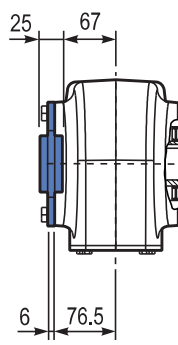
**PX73NPV..** Feet  
Piedini



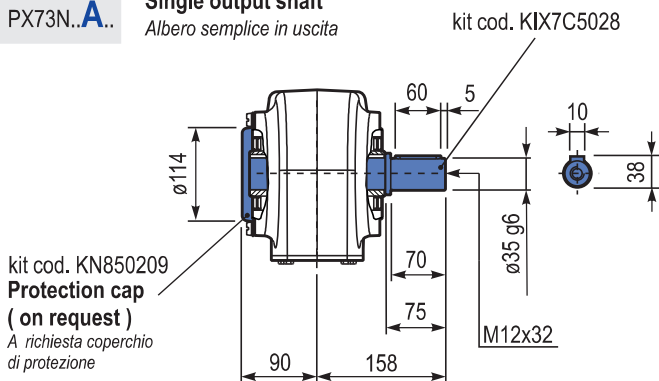
**PX73NFL...** Output flange  
Flangia uscita



**PX73NBR..** Reaction Arm  
Braccio di reazione



**PX73NA...** Single output shaft  
Albero semplice in uscita



**Suggested**  
Suggerito

**Stainless steel protection cap (on request).**

Coperchio di protezione in acciaio inox a richiesta.

Kit cod. KN850209

