


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	
							-	-	-	-Q	-R	-T			
24.7	<b>56.76</b>	1.1	398	1.0	1.1	410	-	-	-	-Q	-R	-T	Standard ø35	01	
21.3	<b>65.79</b>	0.75	316	1.3	0.97	410	-	-	-	71	80	90		191311	02
18.1	<b>77.23</b>	0.75	371	1.1	0.83	410	-	-	-	C	C			171311	03
16.0	<b>87.23</b>	0.75	420	1.0	0.73	410	-	-	-	C	C			151311	04
15.2	<b>92.18</b>	0.75	443	0.9	0.69	410	-	-	-	C	C			19138	05
13.9	<b>100.47</b>	0.55	357	1.2	0.64	410	-	-	-	C	C			131311	06
12.0	<b>116.45</b>	0.55	413	1.0	0.55	410	-	-	-	C	C			19811	07
11.1	<b>125.82</b>	0.55	446	0.9	0.51	410	-	-	-	C	C			17811	08
9.9	<b>141.66</b>	0.37	336	1.2	0.45	410	-	-	-	C	C			101311	09
8.6	<b>163.16</b>	0.37	387	1.1	0.39	410	-	-	-	C	C			13138	10
7.8	<b>178.96</b>	0.37	424	1.0	0.36	410	-	-	-	C	C			13811	11
7.2	<b>193.36</b>	0.37	459	0.9	0.33	410	-	-	-	C	C			1788	12
6.5	<b>216.84</b>	0.25	347	1.2	0.29	410	-	-	-	C	C			10138	13
5.5	<b>252.36</b>	0.25	404	1.0	0.25	410	-	-	-	C	C			71311	14
4.8	<b>290.67</b>	0.25	465	0.9	0.22	410	-	-	-	C	C			9138	15
4.2	<b>333.23</b>	0.25	533	0.8	0.19	410	-	-	-	C	C			9811	16
3.6	<b>383.82</b>	0.25*	614	0.7	0.17	410	-	-	-	C	C			7138	17
3.1	<b>446.70</b>	0.25*	715	0.6	0.14	410	-	-	-	C	C			7811	18
2.4	<b>589.85</b>	0.25*	944	0.4	0.11	410	-	-	-	C	C			988	19

\* 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

Unit X63N 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.

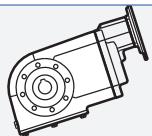
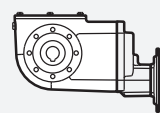
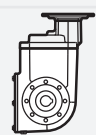
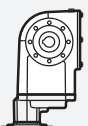
See Table 2 for possible radial and axial loads on the gearbox.

Il riduttore tipo X63N 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 Omala S4 WE 320	Eni Telium VSF 320	V8 On request ASK	
B3 Standard 2.05 L		B8 On request 1.90 L	
B6 On request 1.85 L		V5 On request 3.40 L	
B7 On request 1.70 L		V6 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.

## Radial and axial loads

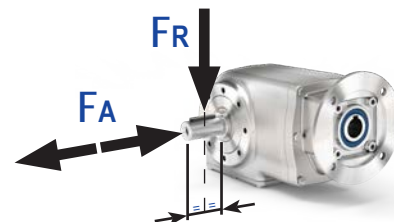
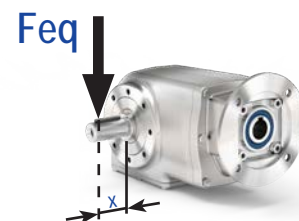
### Carichi radiali e assiali

### Output shaft

#### Albero di uscita

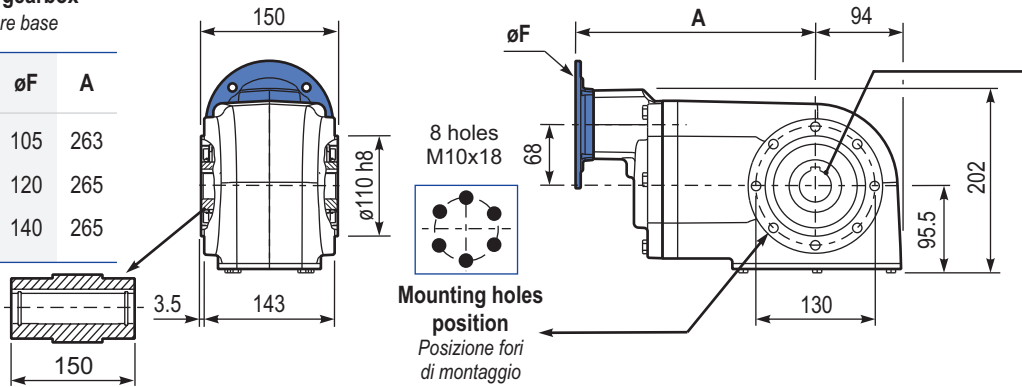
$n_2$ [min <sup>-1</sup> ]	$F_A$ [N]	$F_R$ [N]
250	600	3000
150	700	3500
100	780	3900
75	890	4450
50	1140	5700
25	1330	6650
15	1660	8300

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



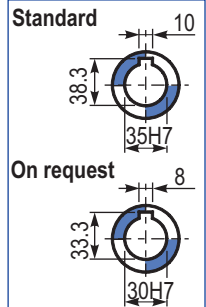
**PX63NI...FB** Basic gearbox  
Riduttore base

M. flanges	Kit code	øF	A
71B14	KI634047	105	263
80B14	KI634046	120	265
90B14	KI634041	140	265

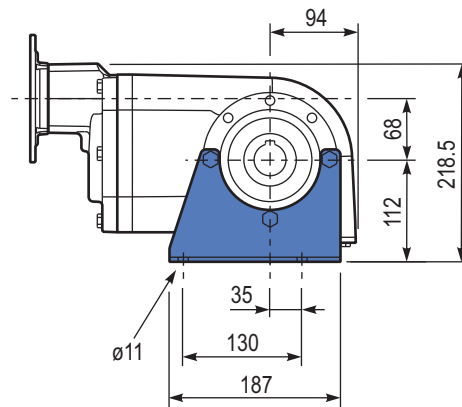
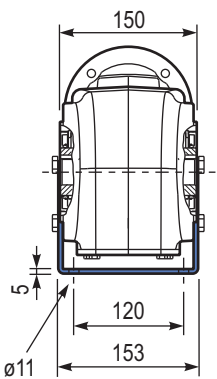


Gearbox weight  
peso riduttore **23.2 kg**

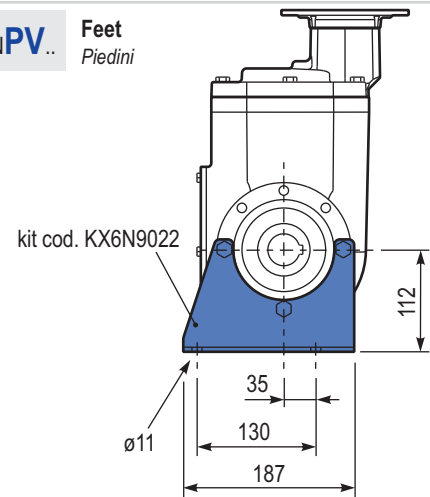
Hollow shaft  
Foro in uscita



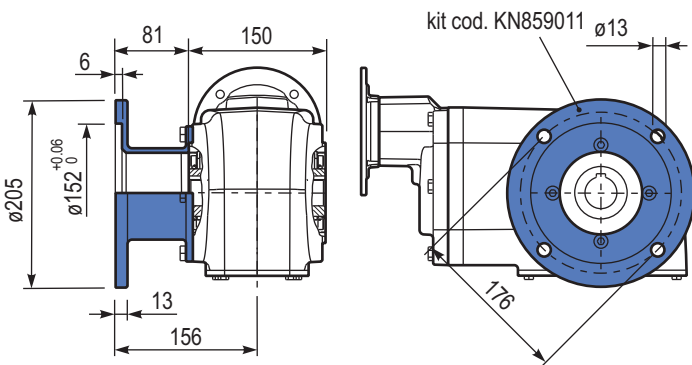
**PX63NPA..** Feet  
Piedini



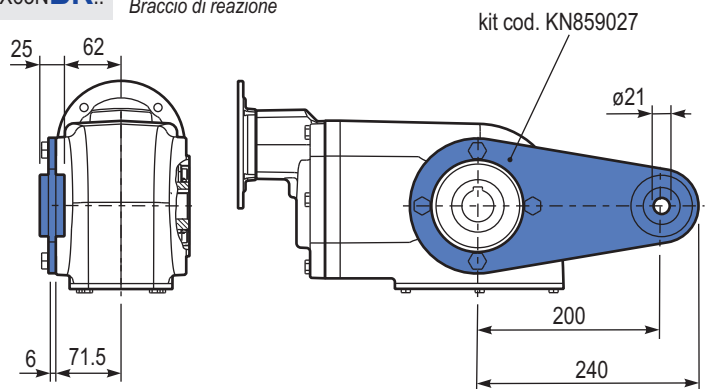
**PX63NPV..** Feet  
Piedini



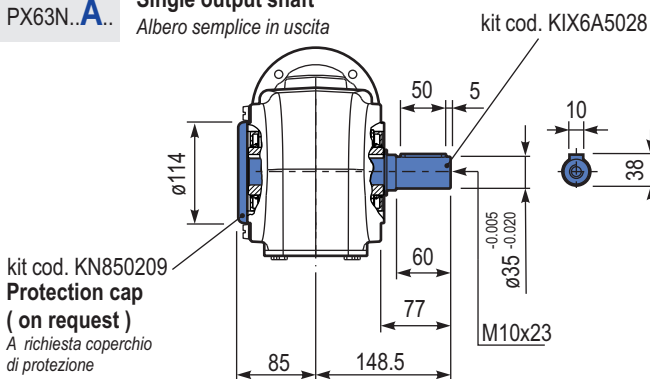
**PX63NFL..** Output flange  
Flangia uscita



**PX63NBR..** Reaction Arm  
Braccio di reazione



**PX63NA..** Single output shaft  
Albero semplice in uscita



**Suggested**  
Suggerito

Stainless steel protection cap  
(on request).

Coperchio di protezione  
in acciaio inox a richiesta.

Kit code: KN850209

