


The dynamic efficiency is **0.92** 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		
18.7	74.79	1.5	704	1.0	1.4	675	-	-	-	C	C	19132418	01	
16.3	85.99	1.1	591	1.1	1.3	675	-	-	-	C	C	19132416	02	
14.0	99.66	1.1	685	1.0	1.1	675	-	-	-	C	C	17132416	03	
12.0	116.35	0.75	548	1.2	0.92	675	-	-	-	C	C	17132414	04	
11.5	121.45	0.75	572	1.2	0.89	675	-	-	-	C	C	13132418	05	
10.0	139.64	0.75	658	1.0	0.77	675	-	-	-	C	C	13132416	06	
9.2	152.21	0.75	717	0.9	0.71	675	-	-	-	C	C	19082416	07	
8.6	163.02	0.55	567	1.2	0.66	675	-	-	-	C	C	13132414	08	
7.9	177.69	0.55	618	1.1	0.61	675	-	-	-	C	C	19082414	09	
6.8	205.95	0.55	716	0.9	0.52	675	-	-	-	C	C	17082414	10	
6.3	222.52	0.55	774	0.9	0.48	675	-	-	-	C	C	10132414	11	
5.6	248.76	0.37	578	1.2	0.43	675	-	-	-	C	C	9132416	12	
4.8	290.41	0.37	675	1.0	0.37	675	-	-	-	C	C	9132414	13	
4.1	337.39	0.37	784	0.9	0.32	675	-	-	-	C	C	10082416	14	
3.6	393.88	0.25	618	1.1	0.27	675	-	-	-	C	C	10082414	15	
3.2	440.33	0.25	690	1.0	0.24	675	-	-	-	C	C	9082416	16	
2.7	514.06	0.25	806	0.8	0.21	675	-	-	-	C	C	9082414	17	
2.4	581.44	0.25*	912	0.7	0.18	675	-	-	-	C	C	7082416	18	
2.1	678.79	0.25*	1064	0.6	0.16	675	-	-	-	C	C	7082414	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 X74N 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.

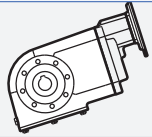
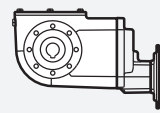
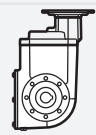
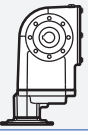
See Table 2 for possible radial and axial loads on the gearbox.

Il riduttore tipo X74N 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 2.60 L		On request 2.90 L	
B6		V5	
On request 2.80 L		On request 4.80 L	
B7		V6	
On request 2.10 L		On request 3.30 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

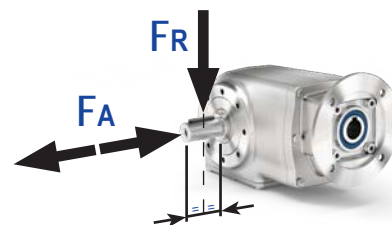
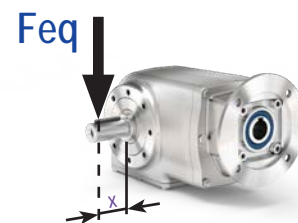
### Carichi radiali e assiali

## Output shaft

### Albero di uscita

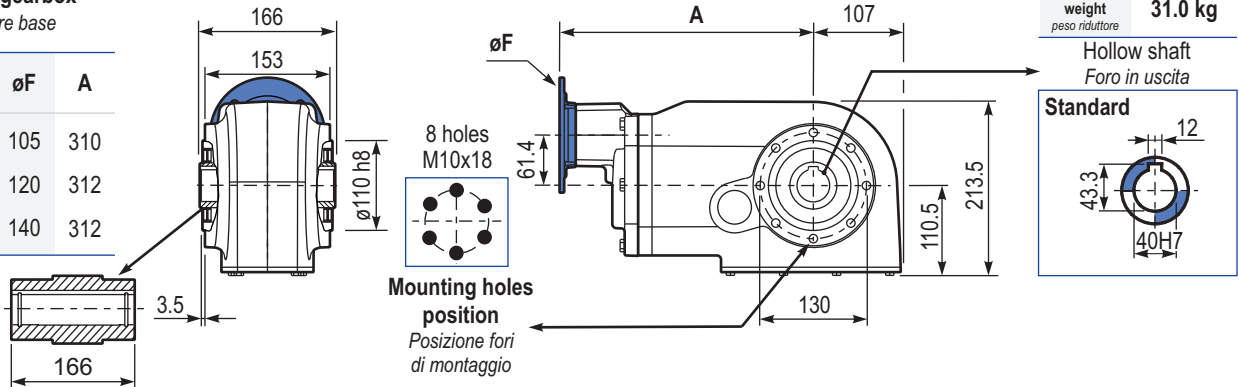
$n_2$ [min <sup>-1</sup> ]	$F_A$ [N]	$F_R$ [N]
300	1360	6800
250	1400	7000
200	1440	7200
140	1480	7400
120	1520	7600
85	1560	7800
70	1720	8600
40	1840	9200
15	1920	9600

$$F_{eq} = F_R \cdot \frac{178.5}{X + 143.5}$$

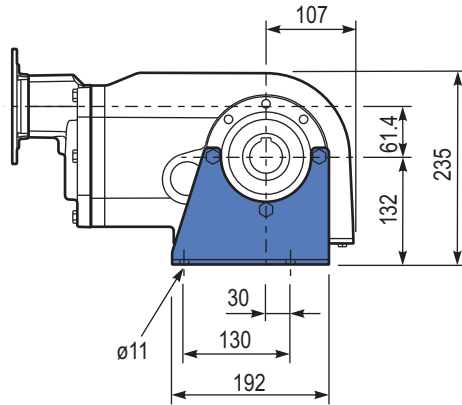
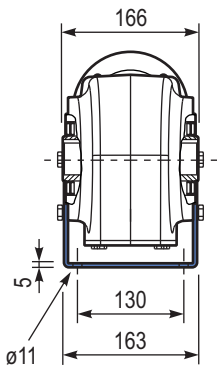


**PX74NI...FB** Basic gearbox  
Riduttore base

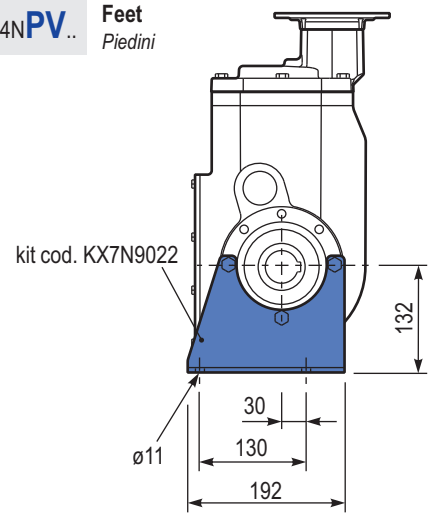
M. flanges	Kit code	øF	A
71B14	KI634047	105	310
80B14	KI634046	120	312
90B14	KI634041	140	312



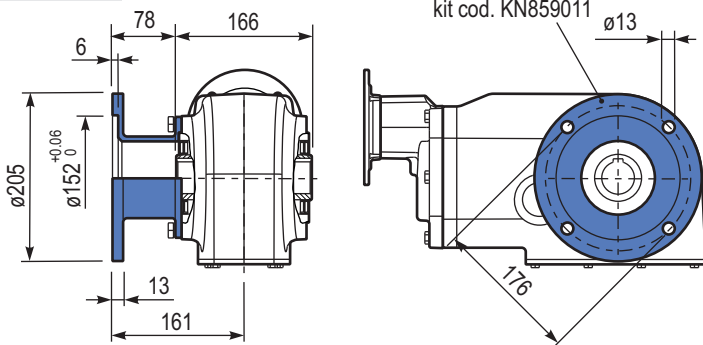
**PX74NPA..** Feet  
Piedini



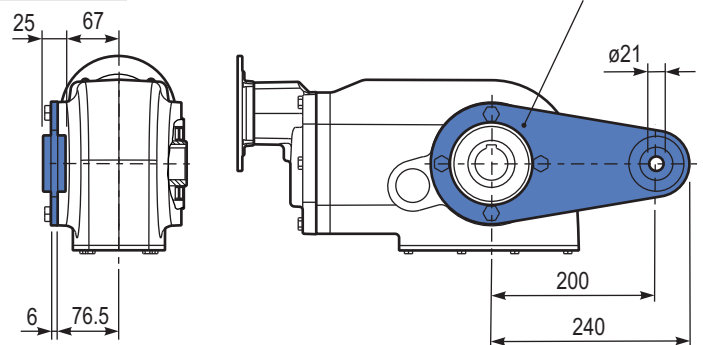
**PX74NPV..** Feet  
Piedini



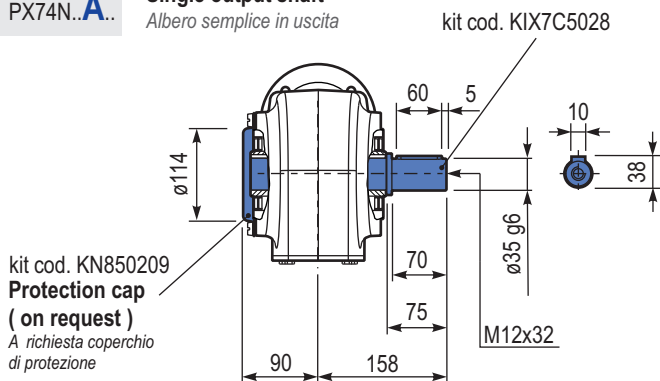
**PX74NFL..** Output flange  
Flangia uscita



**PX74NBR..** Reaction Arm  
Braccio di reazione



**PX74NA..** 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

