


The dynamic efficiency is **0.94** for all ratios

Input speed (n_1) = 1400 min⁻¹

Output speed n_2 [min ⁻¹]	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		
							-	-	-	-R	-T	-U		
							-	-	80	90	100-112			
176	7.94	4	200	1.9	7.5	380						302418	01	
153	9.13	4	229	1.7	6.7	390						302416	02	
131	10.66	4	268	1.5	6.0	410						302414	03	
94	14.97	4	376	1.5	6.0	580						202418	04	
81	17.21	4	432	1.4	5.4	600						202416	05	
69	20.24	4	509	1.3	5.2	675						162418	06	
60	23.27	4	585	1.2	4.5	675						162416	07	
53	26.31	4	661	1.0	4.0	675						132418	08	
46.3	30.25	4	760	0.9	3.5	675						132416	09	
39.6	35.32	3	668	1.0	3.0	675						132414	10	
37.8	37.03	3	701	1.0	2.8	675						112416	11	
32.4	43.23	2.2	602	1.1	2.4	675						112414	12	
30.1	46.58	2.2	649	1.0	2.3	675						82418	13	
26.1	53.55	2.2	746	0.9	2.0	675						82416	14	
22.4	62.52	1.5	600	1.1	1.7	675						82414	15	
19.0	73.75	1.1	517	1.1	1.2	580						62416	16	
16.3	86.09	1.1	604	1.1	1.2	675						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.

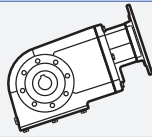
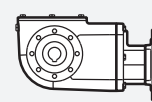
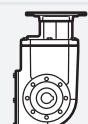
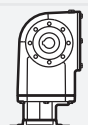
See Table 1 for lubrication and recommended quantity.

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 1.60 L		On request 2.90 L	
B6		V5	
On request 2.80 L		On request 4.60 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.

Tab. 1

Radial and axial loads

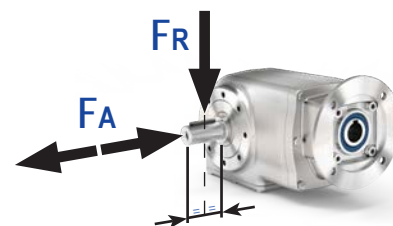
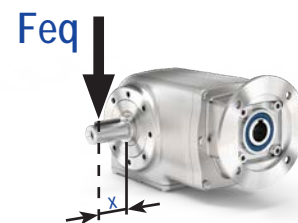
Carichi radiali e assiali

Output shaft

Albero di uscita

n_2 [min ⁻¹]	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

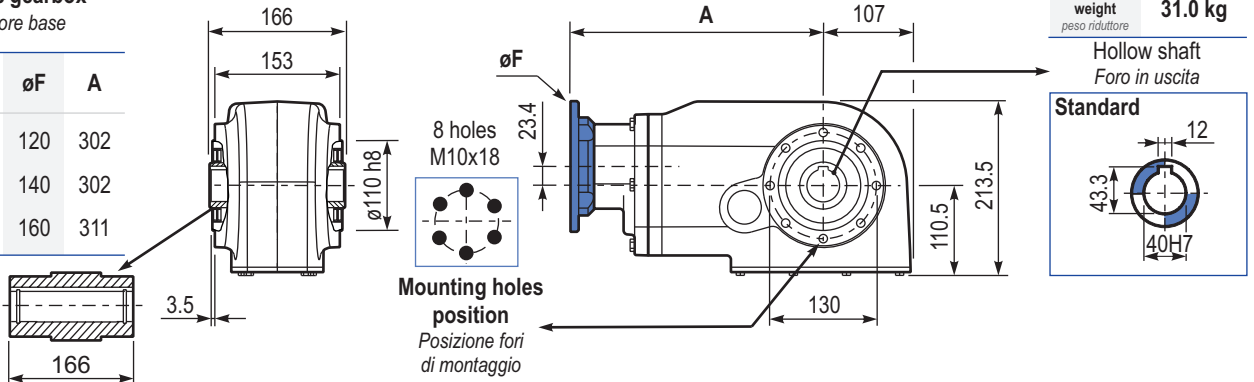
$$F_{eq} = F_R \cdot \frac{178.5}{X + 145.5}$$



Tab. 2

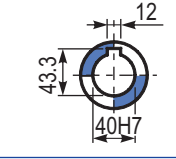
PX73NI...FB Basic gearbox
Riduttore base

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

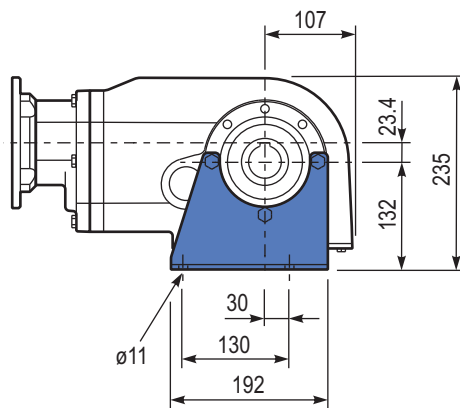
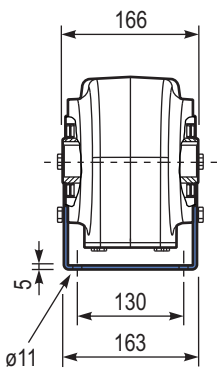


Gearbox weight
peso riduttore **31.0 kg**

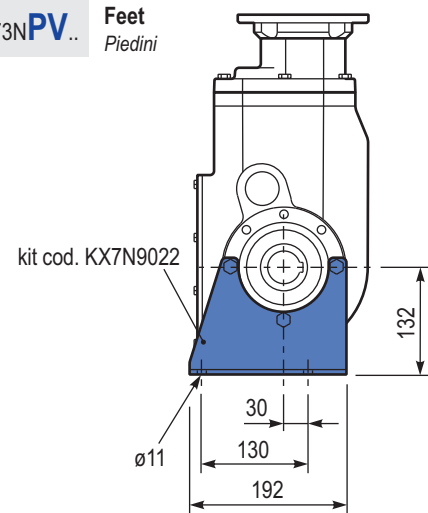
Standard



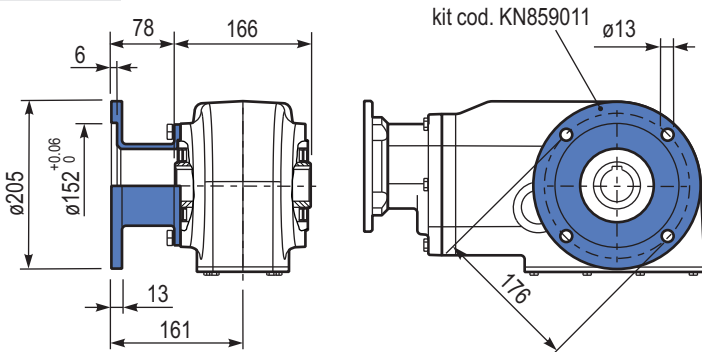
PX73NPA.. Feet
Piedini



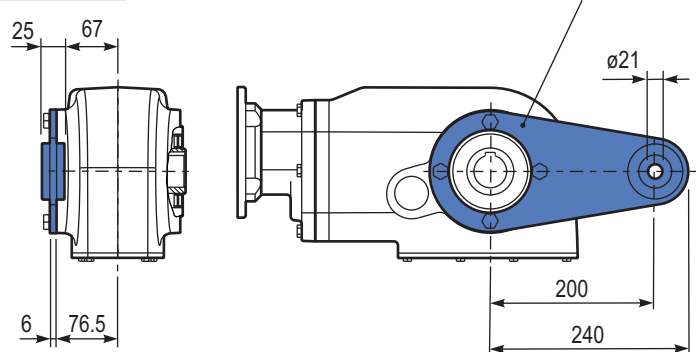
PX73NPV.. Feet
Piedini



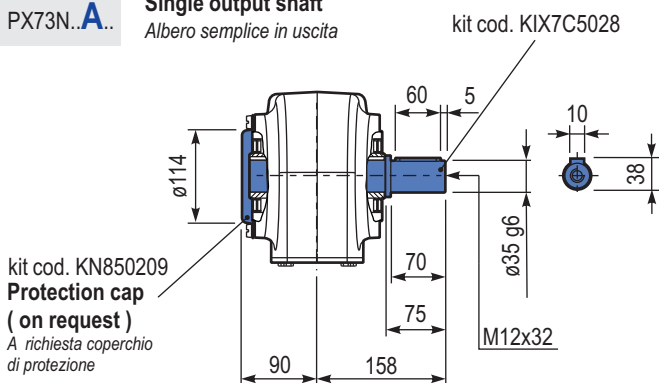
PX73NFL.. Output flange
Flangia uscita



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

