


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	
							-	-	-	-Q	-R	-T			
24.7	56.76	1.1	398	1.0	1.1	410	-	-	-	-Q	-R	-T	Standard ø35	01	
21.3	65.79	0.75	316	1.3	0.97	410	-	-	-	71	80	90		191311	02
18.1	77.23	0.75	371	1.1	0.83	410	-	-	-	C	C			171311	03
16.0	87.23	0.75	420	1.0	0.73	410	-	-	-	C	C			151311	04
15.2	92.18	0.75	443	0.9	0.69	410	-	-	-	C	C			19138	05
13.9	100.47	0.55	357	1.2	0.64	410	-	-	-	C	C			131311	06
12.0	116.45	0.55	413	1.0	0.55	410	-	-	-	C	C			19811	07
11.1	125.82	0.55	446	0.9	0.51	410	-	-	-	C	C			17811	08
9.9	141.66	0.37	336	1.2	0.45	410	-	-	-	C	C			101311	09
8.6	163.16	0.37	387	1.1	0.39	410	-	-	-	C	C			13138	10
7.8	178.96	0.37	424	1.0	0.36	410	-	-	-	C	C			13811	11
7.2	193.36	0.37	459	0.9	0.33	410	-	-	-	C	C			1788	12
6.5	216.84	0.25	347	1.2	0.29	410	-	-	-	C	C			10138	13
5.5	252.36	0.25	404	1.0	0.25	410	-	-	-	C	C			71311	14
4.8	290.67	0.25	465	0.9	0.22	410	-	-	-	C	C			9138	15
4.2	333.23	0.25	533	0.8	0.19	410	-	-	-	C	C			9811	16
3.6	383.82	0.25*	614	0.7	0.17	410	-	-	-	C	C			7138	17
3.1	446.70	0.25*	715	0.6	0.14	410	-	-	-	C	C			7811	18
2.4	589.85	0.25*	944	0.4	0.11	410	-	-	-	C	C			988	19
							-	-	-	C	C		788	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.

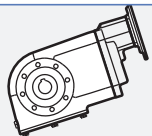
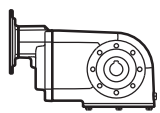
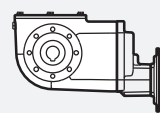
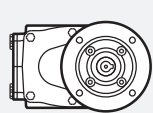
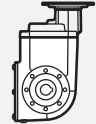
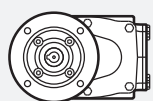
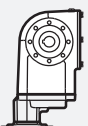
See Table 2 for possible radial and axial loads on the gearbox.

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

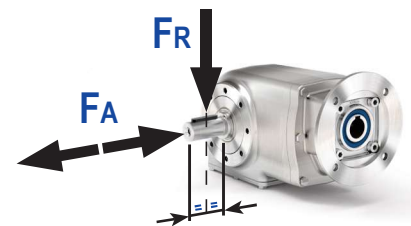
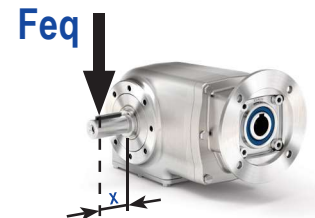
Carichi radiali e assiali

Output shaft

Albero di uscita

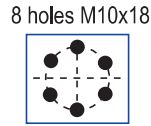
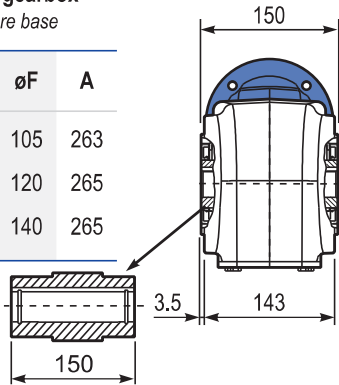
n_2 [min ⁻¹]	F_A [N]	F_R [N]
250	600	3000
150	700	3500
100	780	3900
75	890	4450
50	1140	5700
25	1330	6650
15	1660	8300

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



PX63NI...FB Basic gearbox
Riduttore base

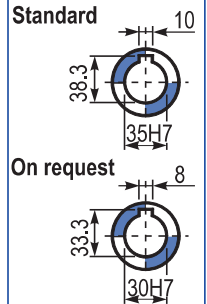
M. flanges	Kit code	øF	A
71B14	KI634047	105	263
80B14	KI634046	120	265
90B14	KI634041	140	265



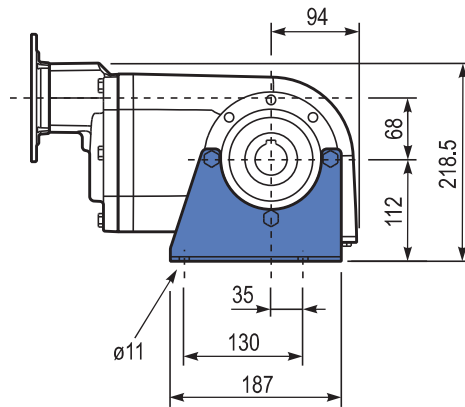
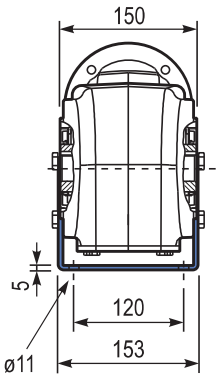
8 holes M10x18
Mounting holes position
Posizione fori di montaggio

Gearbox weight
peso riduttore **23.2 kg**

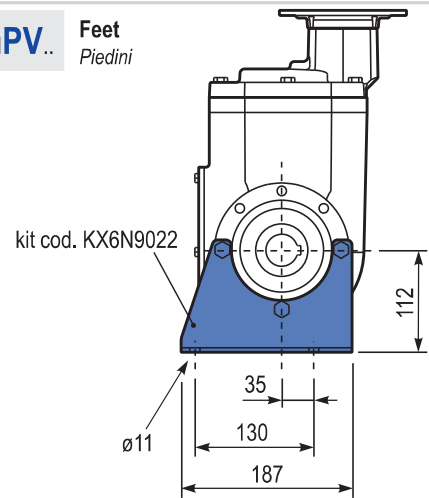
Hollow shaft
Foro in uscita



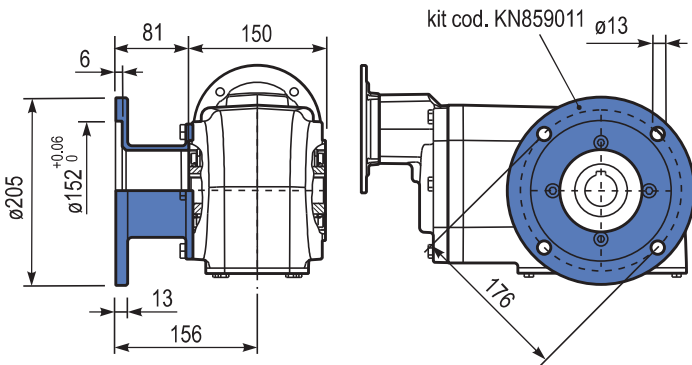
PX63NPA.. Feet
Piedini



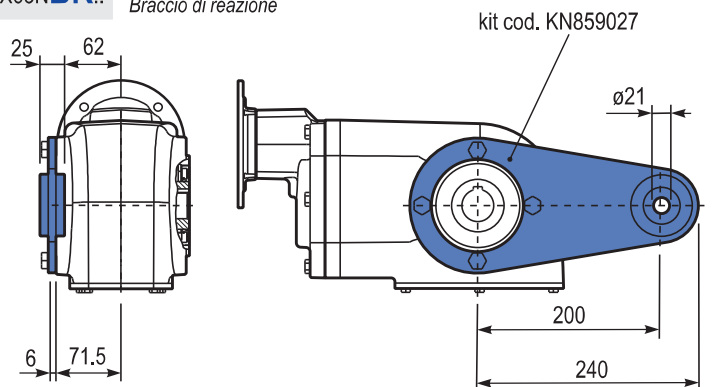
PX63NPV.. Feet
Piedini



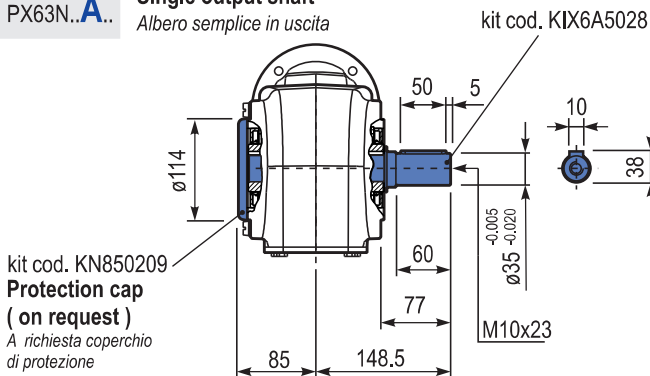
PX63NFL.. Output flange
Flangia uscita



PX63NBR.. Reaction Arm
Braccio di reazione



PX63NA.. Single output shaft
Albero semplice in uscita



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

