




The dynamic efficiency is **0.96** for all ratios

Input speed (n_1) = 1750 min⁻¹

Output speed n_2 [min ⁻¹]	Ratio i	Motor power P_{1M} [HP]	Output torque M_{2M} [lb in]	Service factor $f.s$	Nominal power P_{1R} [HP]	Nominal torque M_{2R} [lb in]	Available NEMA motor flanges				Output shaft  Standard ø1.375	Ratio code 
							-W 56C	-X 143-5TC	-Y 182/4TC			
290	6.03	5	1042	2.0	10.19	2124				3011	01	
189	9.26	5	1601	1.5	7.46	2390				308	02	
154	11.36	5	1964	1.6	7.89	3098				2011	03	
114	15.36	5	2655	1.3	6.42	3408				1611	04	
100	17.46	5	3018	1.2	5.87	3540				208	05	
88	19.97	5	3453	1.1	5.25	3629				1311	06	
74	23.60	5	4080	0.9	4.45	3629				168	07	
72	24.45	5	4226	0.9	4.29	3629				1111	08	
57	30.69	3	3184	1.1	3.42	3629				138	09	
49.5	35.35	3	3667	1.0	2.97	3629				811	10	
46.6	37.57	3	3897	0.9	2.79	3629				118	11	
35.9	48.68	2	3366	1.0	1.92	3231				611	12	
32.2	54.33	2	3757	1.0	1.93	3629				88	13	
23.4	74.81	1	2587	1.2	1.23	3186				68	14	

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 X43N 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.

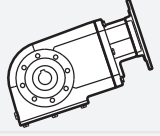
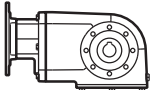
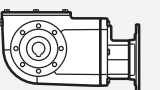

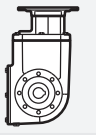
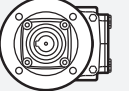
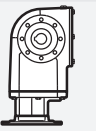
See Table 2 for possible radial and axial loads on the gearbox.

Il riduttore tipo X43N 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 36.95 oz		B8 On request 66.87 oz	
B6 On request 65.11 oz		V5 On request 112.62 oz	
B7 On request 59.83 oz		V6 On request 79.19 oz	

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

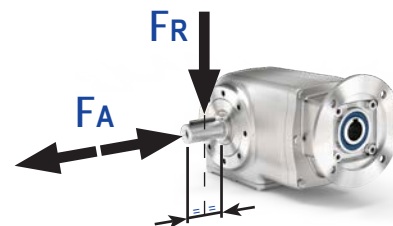
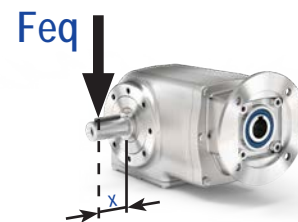
Carichi radiali e assiali

Output shaft

Albero di uscita

n_2 [min ⁻¹]	F_A [lb]	F_R [lb]
250	135	674
150	157	787
100	175	877
75	200	1000
50	256	1281
25	299	1495
15	373	1866

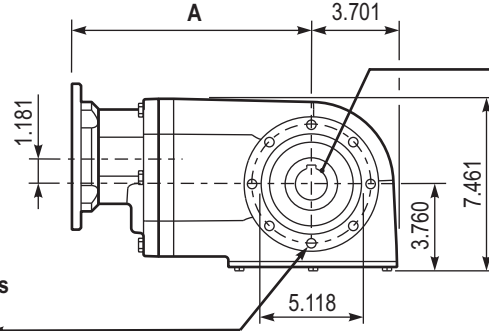
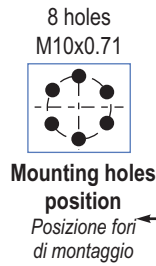
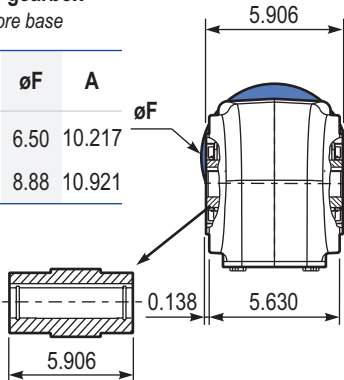
$$F_{eq} = F_R \cdot \frac{6.60}{X + 5.22}$$



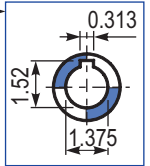
Tab. 2

PX62NI...FB Basic gearbox
Riduttore base

M. flanges	Kit code	øF	A
56C-143/5TC	KUI854041	6.50	10.217
182/4TC	KUI854042	8.88	10.921

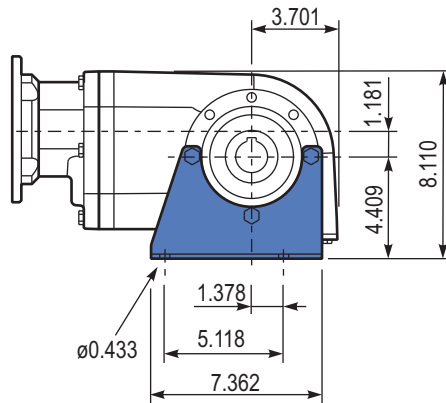
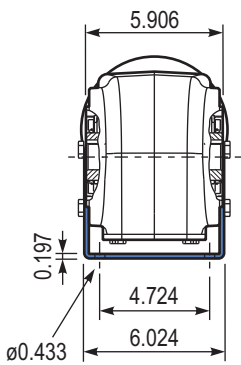


Gearbox weight
peso riduttore **51.1 lb**

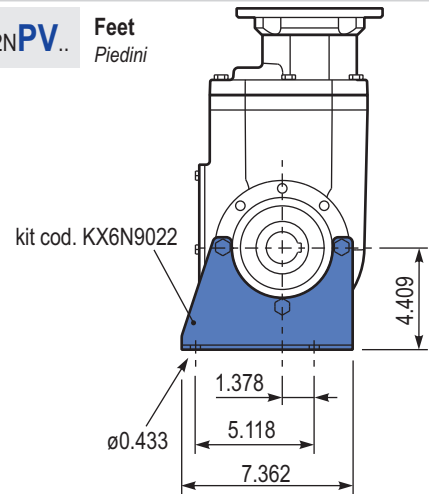


Standard Hollow shaft
Foro in uscita standard

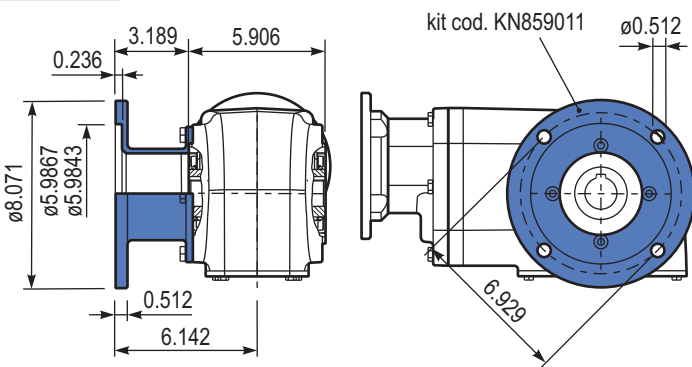
PX62NPA.. Feet
Piedini



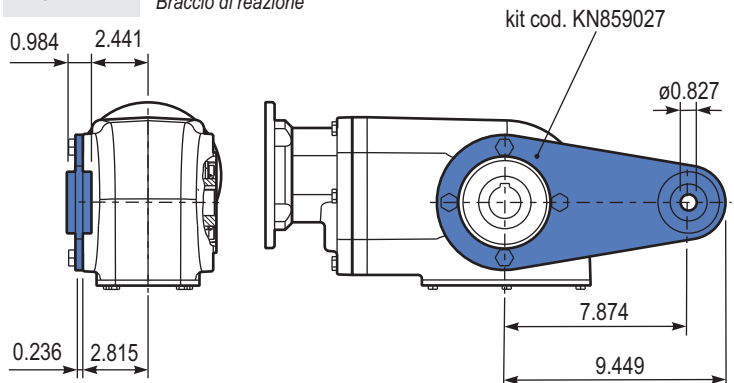
PX62NPV.. Feet
Piedini



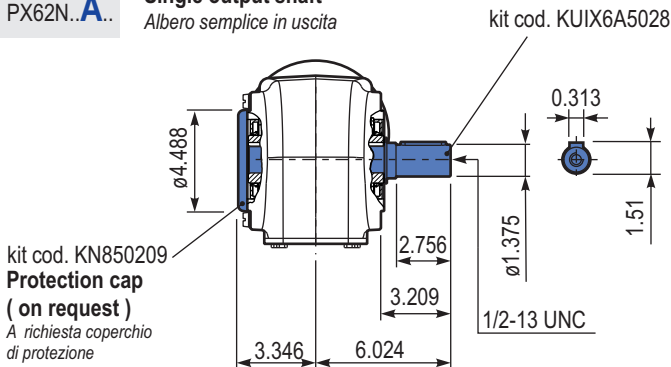
PX62NFL.. Output flange
Flangia uscita



PX62NBR.. Reaction Arm
Braccio di reazione



PX62NA.. 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

