




The dynamic efficiency is **0.94** 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 	Ratio code 
							-W 56C	-X 143-5TC			
30.8	56.76	1.5	2883	1.3	1.89	3629			191311	01	
26.6	65.79	1.5	3341	1.1	1.63	3629			171311	02	
22.7	77.23	1.5	3922	0.9	1.39	3629			151311	03	
20.1	87.23	1	2953	1.2	1.23	3629			19138	04	
19.0	92.18	1	3121	1.2	1.16	3629			131311	05	
17.4	100.47	1	3402	1.1	1.07	3629			19811	06	
15.0	116.45	1	3943	0.9	0.92	3629			17811	07	
13.9	125.82	0.75	3195	1.1	0.85	3629			101311	08	
12.4	141.66	0.75	3597	1.0	0.76	3629			13138	09	
10.7	163.16	0.5	2762	1.3	0.66	3629			13811	10	
9.8	178.96	0.5	3030	1.2	0.60	3629			1788	11	
9.1	193.36	0.5	3273	1.1	0.55	3629			10138	12	
8.1	216.84	0.5	3671	1.0	0.49	3629			71311	13	
6.9	252.36	0.33	2819	1.3	0.42	3629			9138	14	
6.0	290.67	0.33	3248	1.1	0.37	3629			9811	15	
5.3	333.23	0.33	3723	1.0	0.32	3629			7138	16	
4.6	383.82	0.25	3249	1.1	0.28	3629			7811	17	
3.9	446.70	0.25	3781	1.0	0.24	3629			988	18	
3.0	589.85	0.25*	4992	0.7	0.18	3629			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.

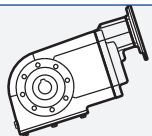
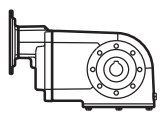
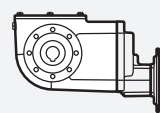
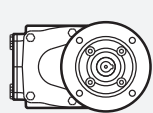
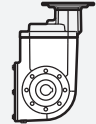
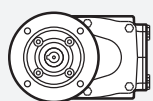
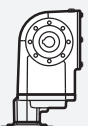
See Table 2 for possible radial and axial loads on the gearbox.

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 72.15 oz		B8 On request 66.87 oz	
B6 On request 65.11 oz		V5 On request 117.90 oz	
B7 On request 59.83 oz		V6 On request 80.95 oz	

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

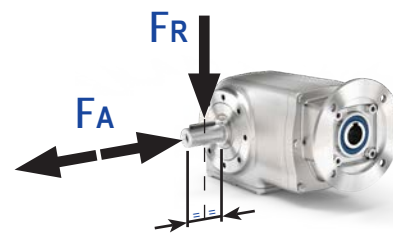
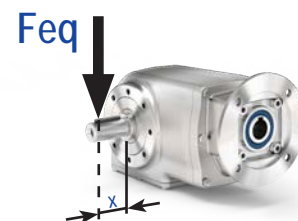
Carichi radiali e assiali

Output shaft

Albero di uscita

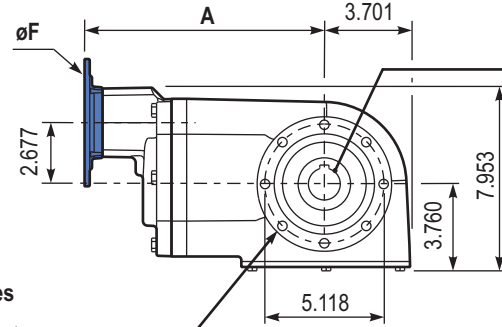
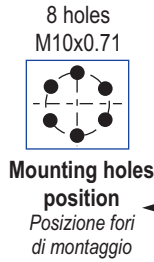
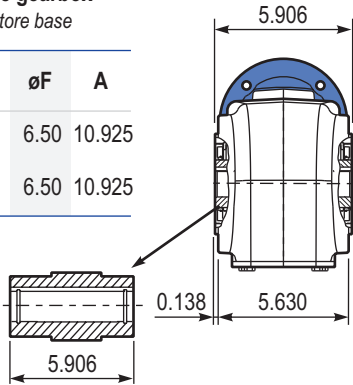
n_2 [min ⁻¹]	FA [lb]	FR [lb]
250	135	674
150	157	787
100	175	877
75	200	1000
50	256	1281
25	299	1495
15	373	1866

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

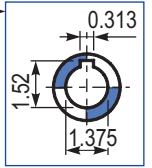


PX63NI...FB Basic gearbox
Riduttore base

M. flanges	Kit code	øF	A
56C	KUI634041	6.50	10.925
143/5 TC	KUI634041	6.50	10.925

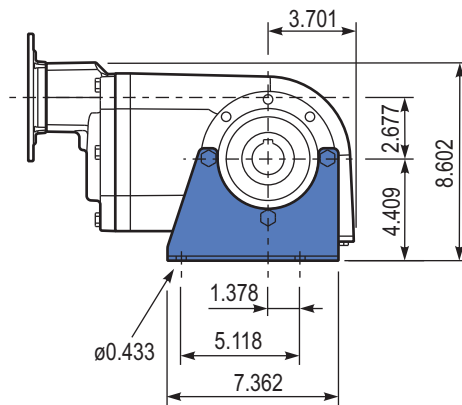
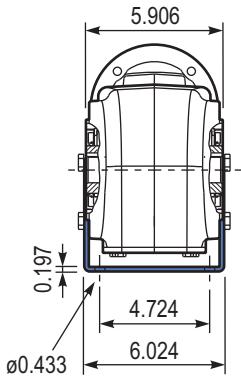


Gearbox weight
peso riduttore **51.1 lb**

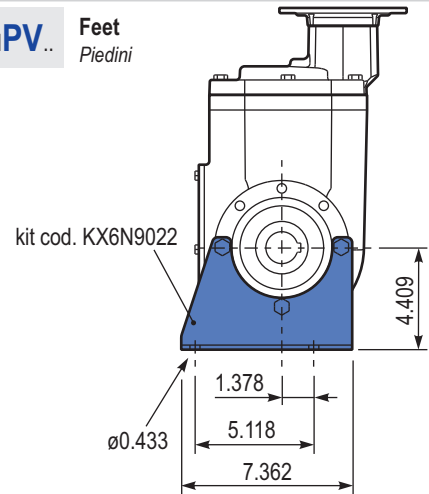


Standard Hollow shaft
Foro in uscita standard

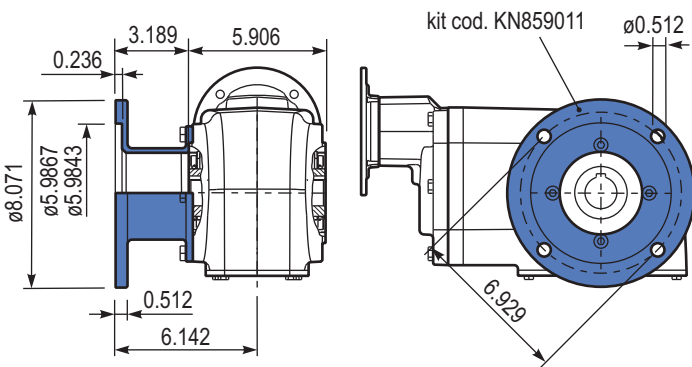
PX63NPA.. Feet
Piedini



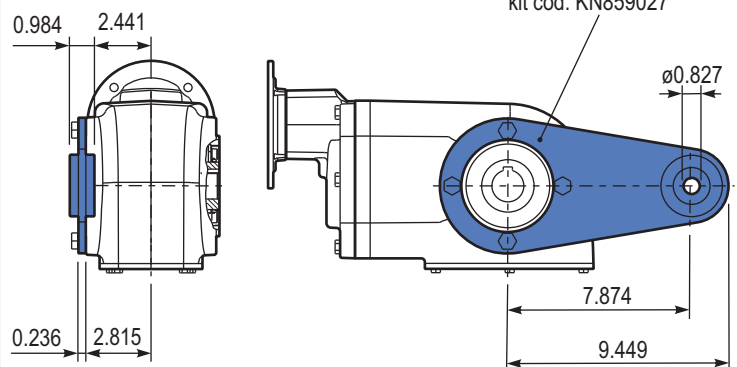
PX63NPV.. Feet
Piedini



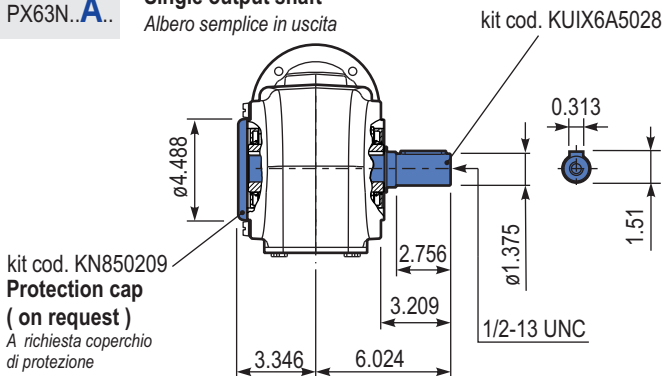
PX63NFL.. Output flange
Flangia uscita



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

