

The dynamic efficiency is **0.98** for all ratiosInput 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				Ratios code 
							-W 56C	-			
853	2.05	0.75	54	1.6	1.22	89			1939	standard ø0.625	01
744	2.35	0.75	62	1.7	1.28	106			1740		02
625	2.80	0.75	74	1.7	1.25	124			1542		03
517	3.38	0.75	90	1.7	1.26	150			1344		04
372	4.70	0.75	124	1.4	1.07	177			1047		05
281	6.22	0.75	165	1.2	0.93	204			956		06
211	8.29	0.5	146	1.2	0.61	177			758		07
178	9.83	0.33	115	1.2	0.41	142			659		08

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 211D 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 211D 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.

Oil quantity for
all positions:
1.76 oz.

Quantità olio per tutte
le posizioni: 1.76 oz.

Shell
Omala S4 WE 320

Eni
Telium VSF 320

Radial and axial loads

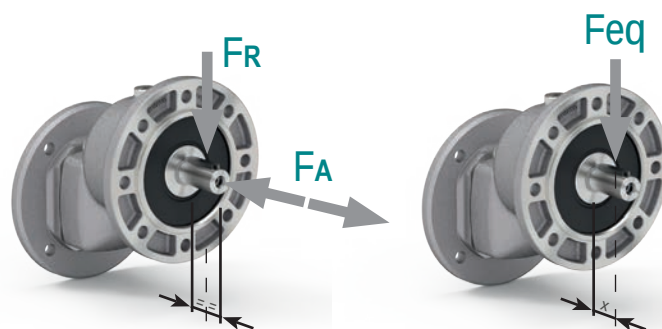
Carichi radiali e assiali

Output shaft

Albero di uscita

n_2 [min ⁻¹]	FA [lb]	FR [lb]
700	22.7	113.3
600	27.0	134.9
400	31.0	156.5
300	33.9	170.0
200	39.3	196.9
140	43.2	215.8

$$F_{eq} = F_R \cdot \frac{1.54}{X + 0.77}$$



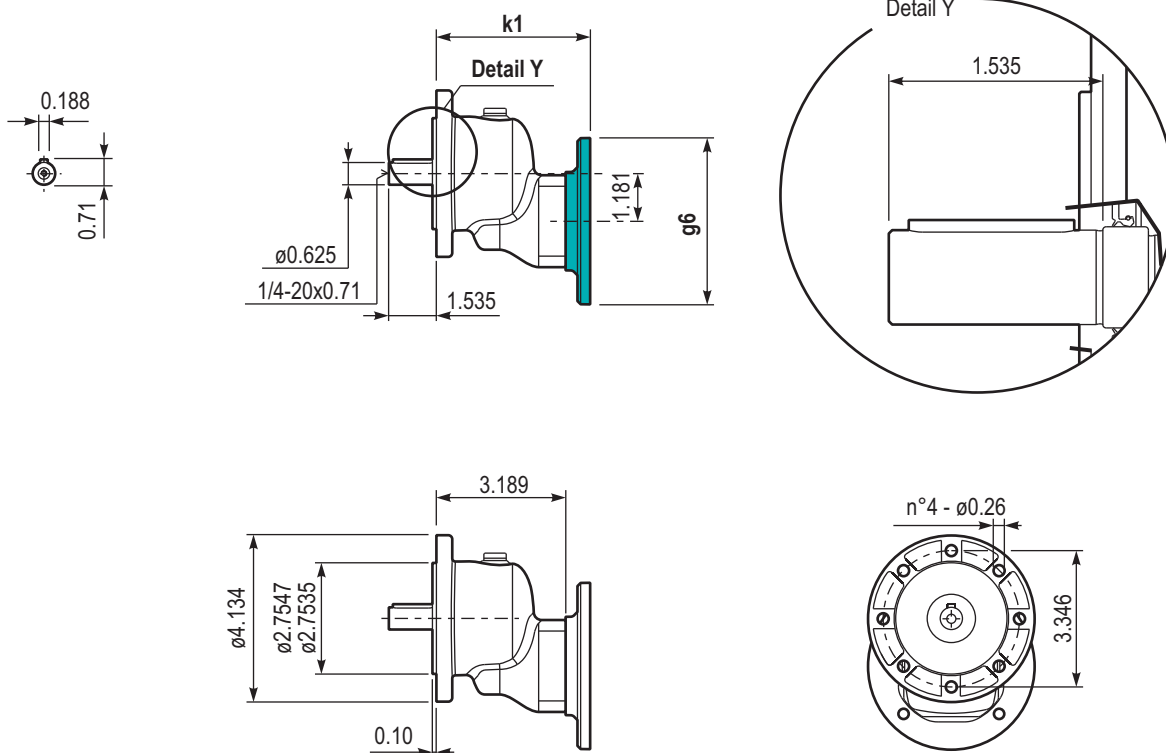
Tab. 1

Tab. 2

P211D-F...I Basic gearbox
Riduttore base

Gearbox weight 3.09 lb
Peso riduttore

M. flanges	Kit code	k1	g6
56C	KUD504041	4.713	6.5



R211D-F... Basic gearbox
Riduttore base

