

The dynamic efficiency is **0.98** for all ratiosInput speed (n_1) = 1400 min⁻¹

Output speed	Ratio	Motor power	Output torque	Service factor	Nominal power	Nominal torque	B5 motor flanges		B14 motor flanges				Output shaft	Ratios code
n_2 [min ⁻¹]	i	P_{1M} [kW]	M_{2M} [Nm]	f.s	P_{1R} [kW]	M_{2R} [Nm]	-	-	-Q	-R	-T			
									71	80	90			
891	1.57	1.5	16	1.3	1.9	20			C	C		2844	standard ø19	01
493	2.84	1.5	28	1.2	1.8	35			C	C		1954		02
425	3.29	1.5	33	1.2	1.7	38			C	C		1756		03
362	3.87	1.5	39	1.0	1.5	40			C	C		1558		04
303	4.62	1.5	46	1.0	1.5	47			C	C		1360		05
222	6.30	1.1	46	1.0	1.1	46			C	C		1063		06
170	8.22	0.55	30	1.3	0.69	38			C	C		974		07
129	10.86	0.37	27	1.0	0.39	28			C	C		776		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 411I 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 411I 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: 0.14 L Quantità olio per tutte le posizioni: 0.14 L	Shell Omala S4 WE 320	Eni Telium VSF 320
---	--------------------------	-----------------------

Radial and axial loads

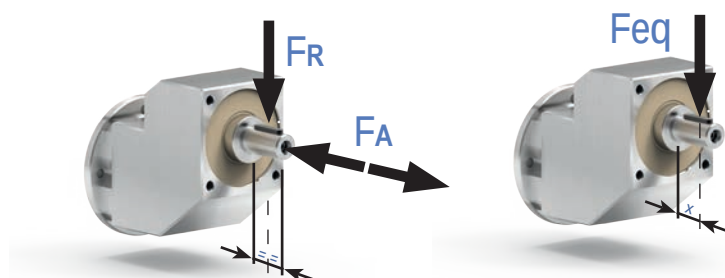
Carichi radiali e assiali

Output shaft

Albero di uscita

n_2 [min ⁻¹]	F_A [N]	F_R [N]
700	182	910
600	200	1000
400	230	1150
300	250	1250
200	290	1450
140	320	1600

$$F_{eq} = F_R \cdot \frac{48.5}{X + 28.5}$$



Tab. 1

Tab. 2

P411I-N...

Basic gearbox
Riduttore base

Gearbox
weight
peso riduttore

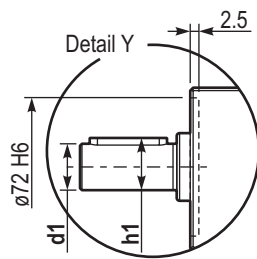
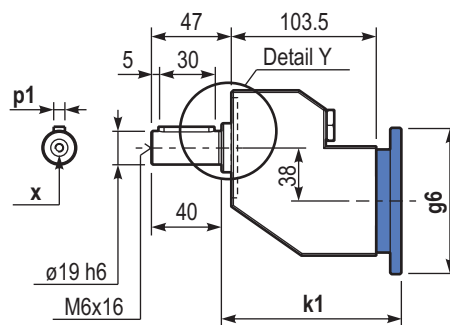
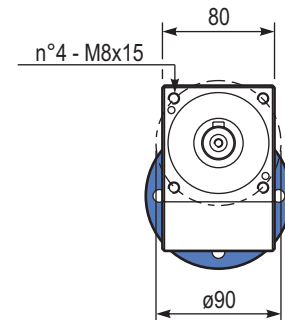
5.5 kg

Output shafts / *albero di uscita*

	Shaft - d1	p1	h1	x
Standard	ø19x40	6	21.5	M6x16

Input flanges / *flange di entrata*

	Kit code	k1	g6
71 B14	KI634047	128.5	105
80 B14	KI634046	130.5	120
90 B14	KI634041	130.5	140



P411I-F...

Output flange
Flangia di uscita

