

VFI series

Full stainless steel square worm gearboxes

Riduttori a vite senza fine quadrati completamente in acciaio inox

Input 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			Dynamic efficiency	Tooth module	Ratios code
n_2 [min ⁻¹]	i	P_{1M} [kW]	M_{2M} [Nm]	f.s	P_{1R} [kW]	M_{2R} [Nm]	-	-	-	-R	-T	-U	RD	[mm]	
200	7	4.0	168	2.9	11.5	483				B	B		88	5.5	01
140	10	4.0	235	2.2	9.0	525				B	B		86	5.4	02
88	16	4.0	358	1.5	6.0	536				B	B		82	5.3	03
70	20	4.0	447	1.2	4.9	546				B	B		82	4.5	04
61	23	3.0	377	1.4	4.1	515				B	B		80	3.9	05
47	30	3.0	467	1.4	4.2	651				B	B		76	5.6	06
37	38	3.0	583	1.1	3.3	641				B	B		75	4.7	07
31	45	2.2	493	1.2	2.7	599				B	B		73	4.0	08
26	53	2.2	557	1.1	2.5	620				B	B		70	3.5	09
22	64	1.5	452	1.2	1.8	536				B			69	2.9	10
16.7	84	1.1	410	1.2	1.3	494				B			65	2.2	11
14.1	99	1.1	446	1.1	1.2	483				B			60	1.9	12

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 I11 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 I11 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.

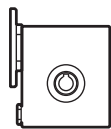
Shell

Omala S4 WE 320

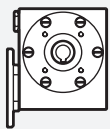
Eni

Telium VSF 320

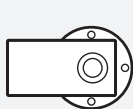
B3
Standard
3.50 L



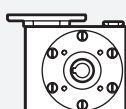
B8
On request
2.10 L



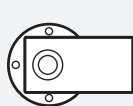
B6
On request
2.50 L



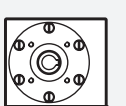
V5
On request
1.60 L



B7
On request
2.50 L



V6
On request
1.60 L



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

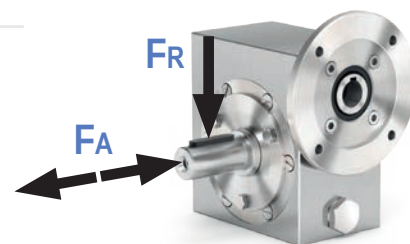
Radial and axial loads

Carichi radiali e assiali

Output shaft

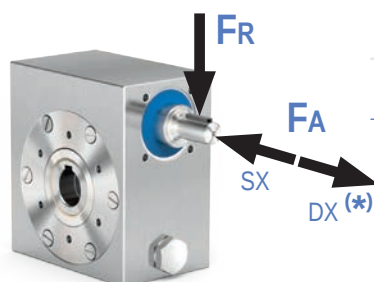
Albero di uscita

n_2 [min ⁻¹]	F_A [N]	F_R [N]
200	600	2900
150	700	3300
100	750	3600
75	800	4000
50	920	4600
25	1200	6000
15	1400	7000



Input shaft

Albero in entrata



n_1 [min ⁻¹]	F_A [N]	F_R [N]
1400	228	1140

* Strong axial loads in the DX direction are not allowed.

* Non sono consentiti forti carichi assiali con direzione DX

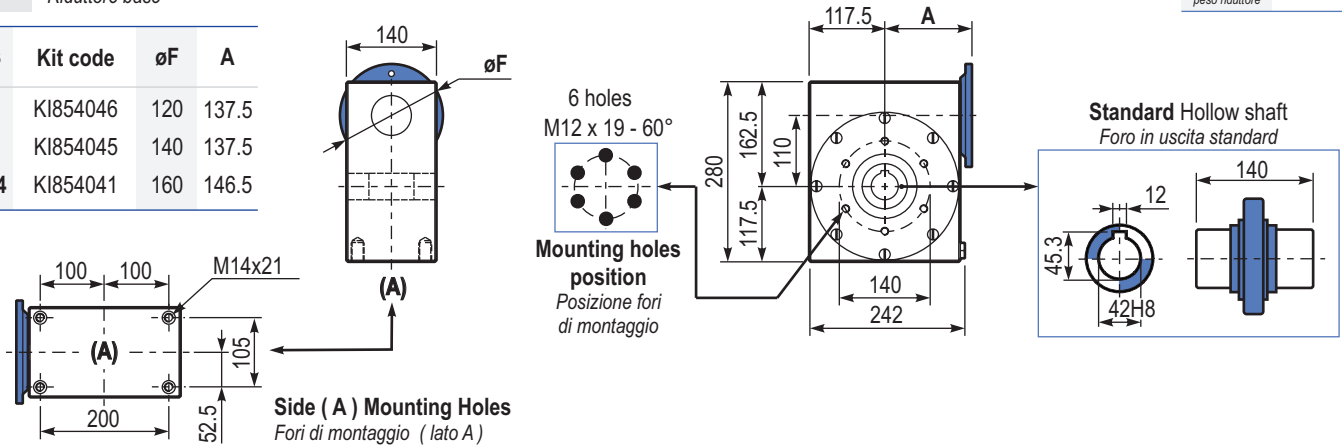
Tab. 2

PI11UNI...

Basic gearbox
Riduttore base

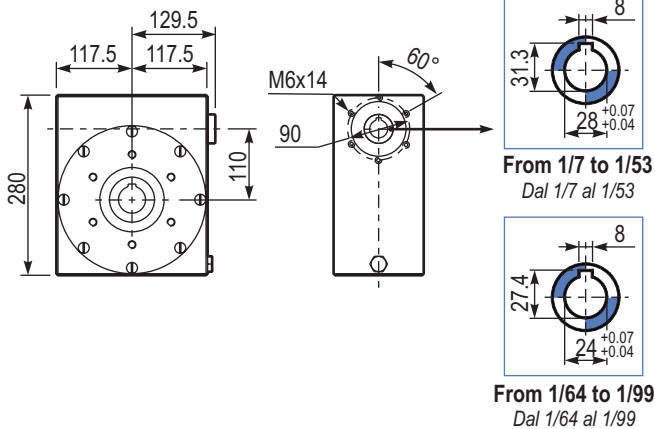
Gearbox
weight
peso riduttore **38.5 kg**

M. flanges	Kit code	øF	A
80B14	KI854046	120	137.5
90B14	KI854045	140	137.5
100-112B14	KI854041	160	146.5



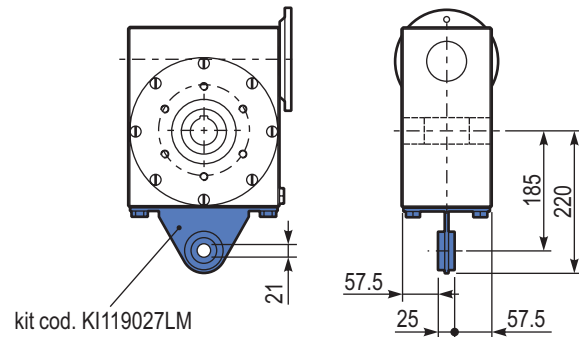
B111UNI...

Modular base
Base modulare



PI11BRI...

Reaction arm
Braccio di reazione



R111UNI...

Input shaft
Albero in entrata

