

I50

72
Nm

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]	-	-	-P	-Q	-R	RD	[mm]	
200	7	0.75	29	1.9	1.5	57			B-C	B		82	2.5	01
140	10	0.75	41	1.5	1.1	62			B-C	B		80	2.4	02
100	14	0.75	57	1.2	0.90	68			B-C	B		79	2.6	03
78	18	0.55	51	1.2	0.67	62			B-C	B		75	2.0	04
54	26	0.55	67	1.0	0.54	66			B-C	B		69	2.7	05
47	30	0.55	79	0.9	0.50	72			B-C	B		70	2.5	12
39	36	0.37	63	1.2	0.43	72			B-C			69	2.1	06
33	43	0.37	72	1.0	0.35	68			B-C			66	1.8	07
28	50	0.25	53	1.2	0.31	66			B-C			62	1.5	13
23	60	0.25	59	1.0	0.26	62			B-C			58	1.3	08
21	68	0.25	66	0.9	0.22	58			B-C			57	1.2	09
17.5	80	0.18	53	1.1	0.19	57			B-C			54	1.0	10
14	100	0.12	41	1.3	0.15	51			B-C			50	0.8	11

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 I50 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.

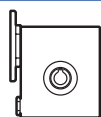
Il riduttore tipo I50 viene fornito con olio sintetico e lubrificazione tipo "long life".
Disponibile a richiesta olio alimentare. Vedi Tabella 1 per oli e quantità consigliati.
Vedi Tabella 2 per i carichi radiali e assiali applicabili al riduttore.

Shell Omala S4 WE 320

Eni Telium VSF 320

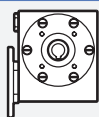
B3

Standard
0.22 L



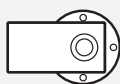
B8

On request
0.22 L



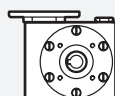
B6

On request
0.22 L



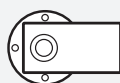
V5

On request
0.22 L



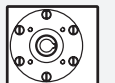
B7

On request
0.28 L



V6

On request
0.22 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

Suggested

Sugerito

Stainless steel protection cap (on request).

Coperchio di protezione in acciaio inox a richiesta.

Kit cod. KI500211



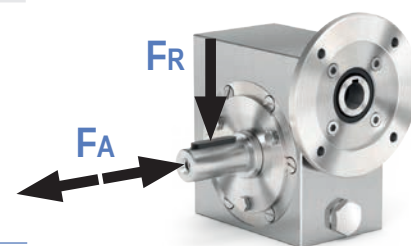
Radial and axial loads

Carichi radiali e assiali

Output shaft

Albero di uscita

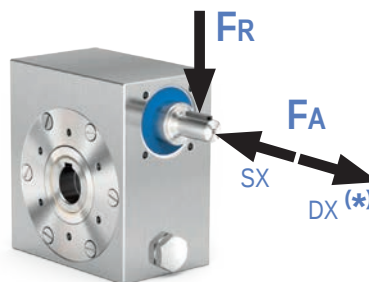
n_2 [min ⁻¹]	F_A [N]	F_R [N]
200	240	1200
150	280	1400
100	300	1500
75	340	1700
50	380	1900
25	480	2500
15	560	2800



Input shaft

Albero in entrata

n_1 [min ⁻¹]	F_A [N]	F_R [N]
1400	76	380



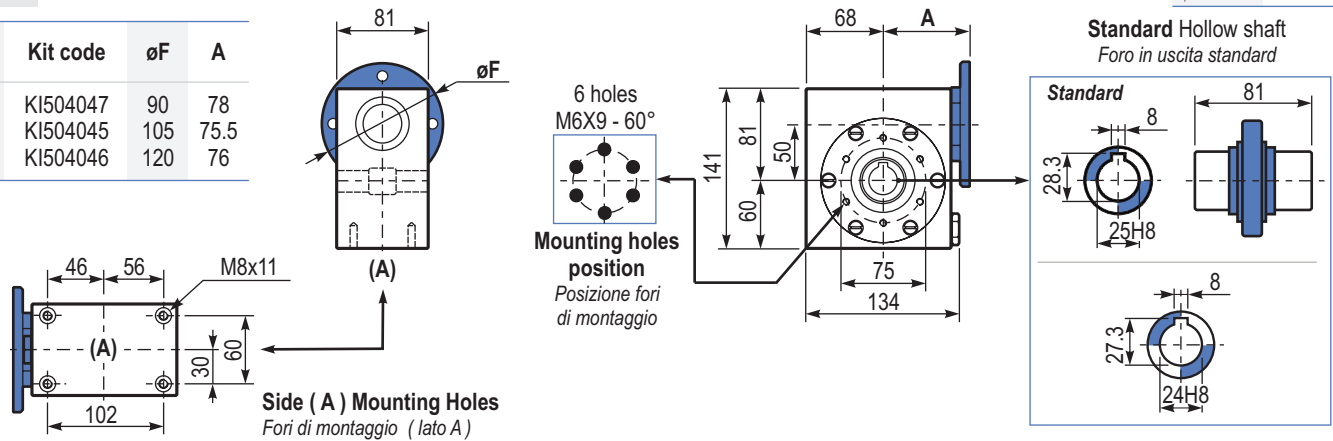
* Strong axial loads in the DX direction are not allowed.

* Non sono consentiti forti carichi assiali con direzione DX

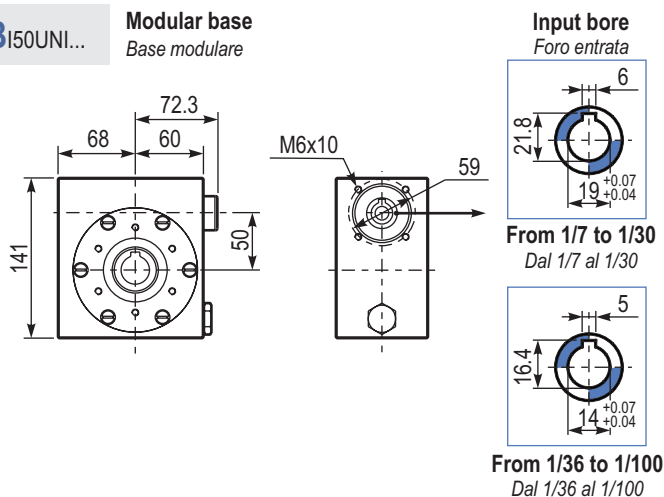
Tab. 2

Gearbox weight <i>peso riduttore</i>	7.3 kg
--	---------------

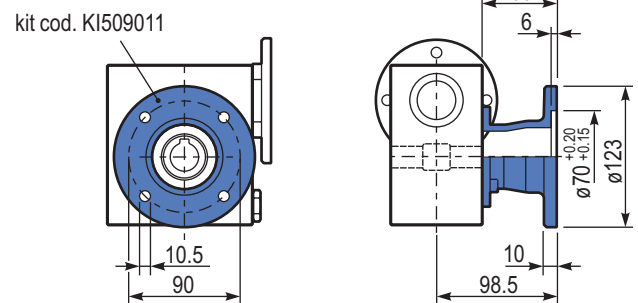
M. flanges	Kit code	øF	A
63B14	KI504047	90	78
71B14	KI504045	105	75.5
80B14	KI504046	120	76



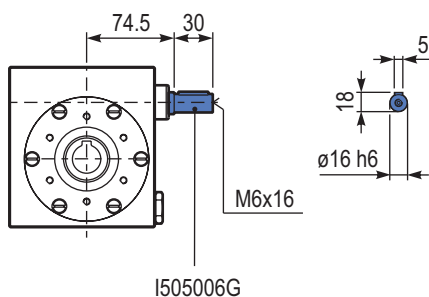
Modular base
Base modulare



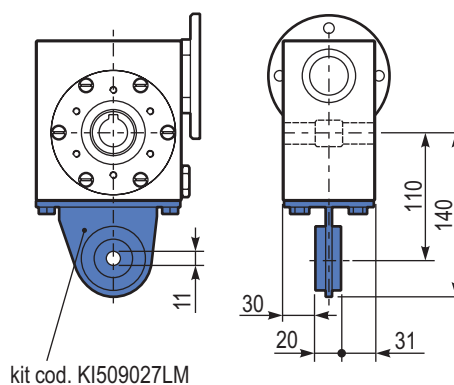
Output flange
Flangia uscita



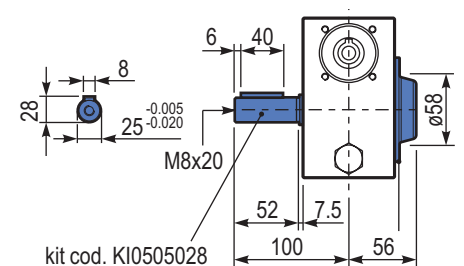
Input shaft
Albero in entrata



Reaction arm
Braccio di reazione



Single Shaft
Albero lento semplice



kit cod. KI500211
Protection cap
(on request)
*A richiesta coperchio
di protezione*