

Input speed (n_1) = 1400 min⁻¹

Output speed n_2 [min ⁻¹]	Ratio i	Motor power P_{1M} [kW]	Output torque M_{2M} [Nm]	Service factor $f.s$	Nominal power P_{1R} [kW]	Nominal torque M_{2R} [Nm]	B5 motor flanges		B14 motor flanges		Dynamic efficiency RD	Tooth module [mm]	Ratios code
							-	-	-P 63	-Q 71			
200	7	0.37	14	2.2	0.80	30			B-C		80	2.2	01
140	10	0.37	20	1.5	0.57	30			B-C		79	2.2	02
100	14	0.37	27	1.1	0.41	30			B-C		77	2.4	03
67	21	0.37	36	1.2	0.43	41			B-C		67	1.6	04
50	28	0.25	31	1.3	0.33	41			B-C		65	2.5	05
38	37	0.25	40	1.0	0.26	41			B-C		63	1.8	06
30	46	0.25	46	0.9	0.22	41			B-C		59	1.5	07
23	60	0.18	41	1.0	0.18	41			B-C		56	1.2	08
20	70	0.12	31	1.0	0.12	30			B-C		54	1.0	09
13.7	102	0.12	41	0.7	0.09	29			B-C		49	0.72	10

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 I45 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.

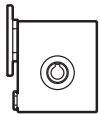
See Table 2 for possible radial and axial loads on the gearbox.

Il riduttore tipo I45 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.

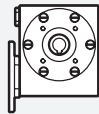
Shell Omala S4 WE 320

Eni Telium VSF 320

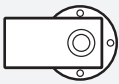
B3
Standard
0.15 L



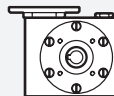
B8
On request
0.15 L



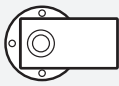
B6
On request
0.15 L



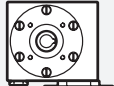
V5
On request
0.15 L



B7
On request
0.20 L



V6
On request
0.15 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. KI450211



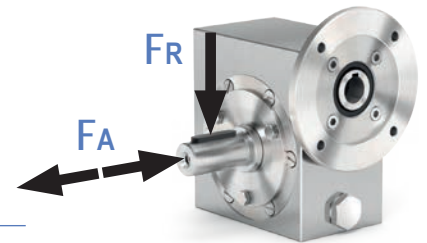
Radial and axial loads

Carichi radiali e assiali

Output shaft

Albero di uscita

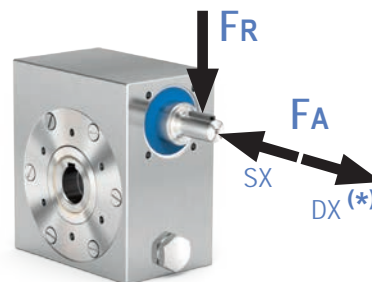
n_2 [min ⁻¹]	FA [N]	FR [N]
200	180	900
150	200	1000
100	220	1100
75	240	1200
50	260	1400
25	300	1800
15	400	2000



Input shaft

Albero in entrata

n_1 [min ⁻¹]	FA [N]	FR [N]
1400	42	210



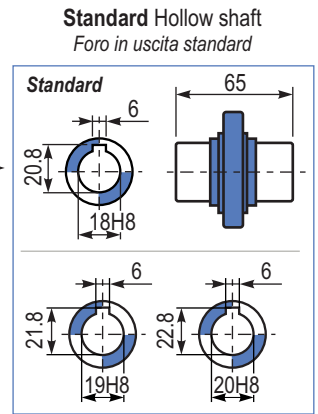
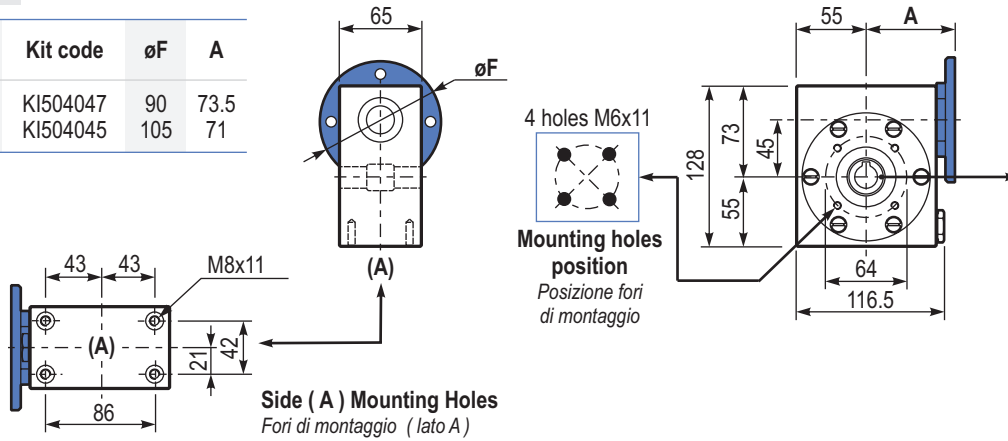
* Strong axial loads in the DX direction are not allowed.
* Non sono consentiti forti carichi assiali con direzione DX

Tab. 2

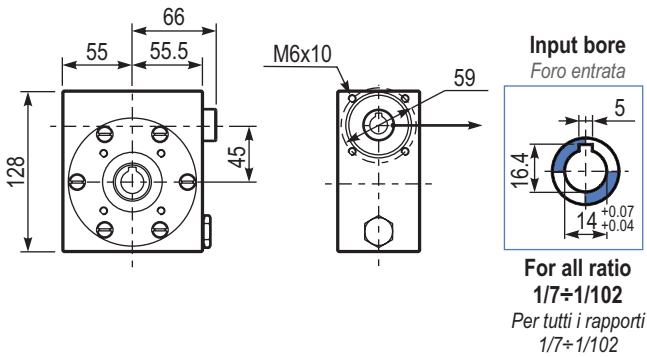
PI45UNI... **Basic gearbox**
Riduttore base

Gearbox weight
peso riduttore **5.0 kg**

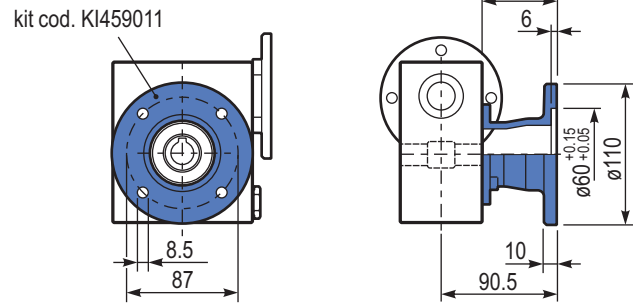
M. flanges	Kit code	øF	A
63B14	KI504047	90	73.5
71B14	KI504045	105	71



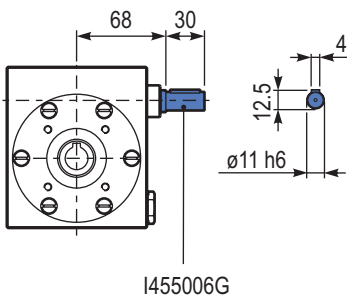
BI45UNI... **Modular base**
Base modulare



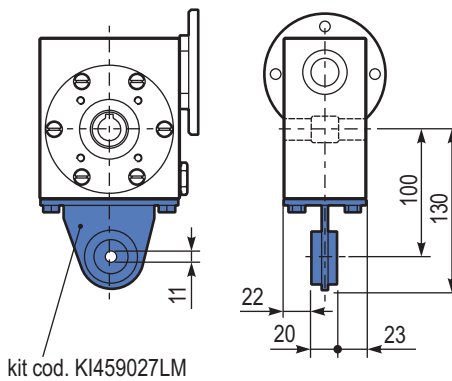
PI45FLL... **Output flange**
Flangia uscita



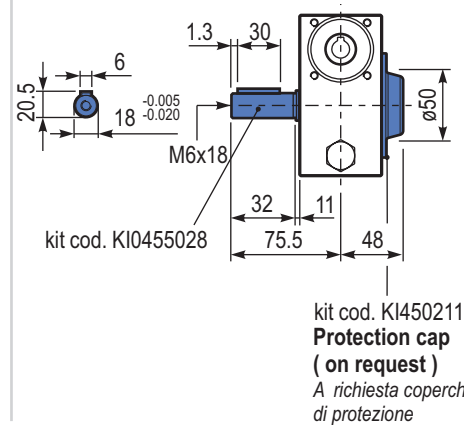
RI45UNI... **Input shaft**
Albero in entrata



PI45BRI... **Reaction arm**
Braccio di reazione



PI45...SMB... **Single Shaft**
Albero lento semplice



kit cod. KI450211
Protection cap
(on request)
A richiesta coperchio di protezione