



QUICK SELECTION / Selezione veloce

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 not available		Available B14 motor flanges		Dynamic efficiency RD	Tooth Module [mm]	Ratios code
							-	-	-P	-Q			
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

* The nominal power should be reduced if the ambient temperature is $\geq 30^\circ\text{C}$, or when a cooler gearbox is required.

* Diminuire la potenza nominale in caso di temperatura ambiente $\geq 30^\circ\text{C}$ o se è richiesta una bassa temperatura di utilizzo del riduttore.

- 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

EN Unit **I45** is supplied with synthetic oil, providing "long life" lubrication..
See table 1 for lubrication and recommended quantity.
In table 2 please see possible radial loads and axial loads on the gearbox.

I Il riduttore tipo **I45** viene fornito lubrificato a vita con olio sintetico.
Vedi tab.1 per oli e quantità consigliati.
In tab.2 sono presenti i carichi radiali e assiali applicabili al riduttore.

D Für die Lebensdauerschmierung ist das Getriebe der Größe **I45** mit synthetischem Öl befüllt.
In Tabelle 1 ist die Schmiermenge und das empfohlene Schmiermittel angegeben.
In Tabelle 2 sind die zulässigen Radial- und Axialbelastungen des Getriebes aufgeführt.

F Le réducteur de type **I45** est fourni lubrifié à vie avec de l'huile synthétique.
Voir tableau 1 concernant les huiles et les quantités conseillées.
Les charges radiales et axiales applicables au réducteur sont précisées dans le tableau 2.

E El reductor tamaño **I45** se suministra, lubricado de por vida con aceite sintético.
Ver tabla 1, para cantidades y aceites recomendados.
En la tabla 2, se encuentran las cargas radiales y axiales admitidas por el reductor.

Standard	On request				
0.15 LT	0.15 LT	0.20 LT	0.15 LT	0.15 LT	0.15 LT
AGIP Telium VSF 320			SHELL Omala S4 WE 320		

For all details on lubrication and plugs check our website **tab. 1**
Per maggiori dettagli su lubrificazione e tappi olio vedi il nostro sito web

RADIAL AND AXIAL LOADS

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

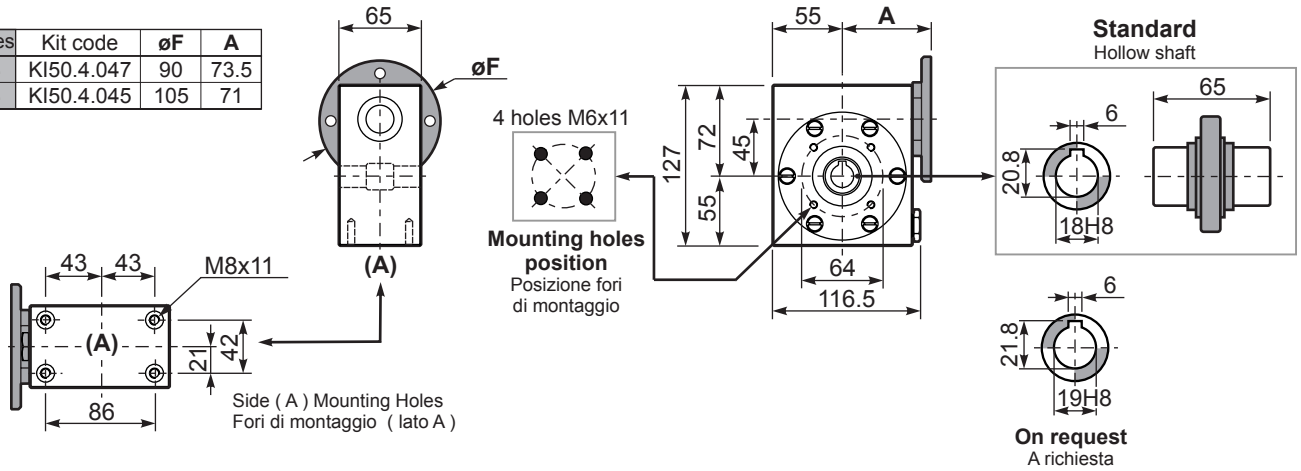
*Strong axial loads in the DX direction are not allowed.
Non sono consentiti forti carichi assiali con direzione DX

tab. 2

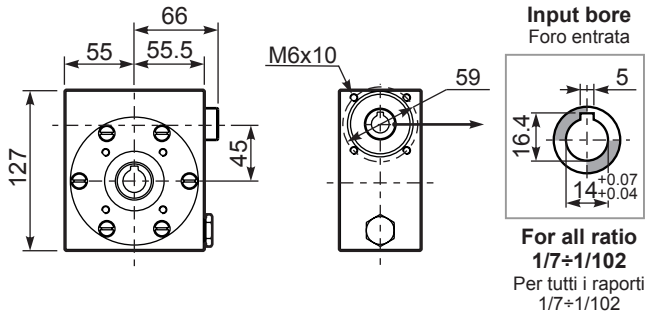
Gearbox weight
peso riduttore **5.0 kg**

PI45**UN**... Basic wormbox
Riduttore base

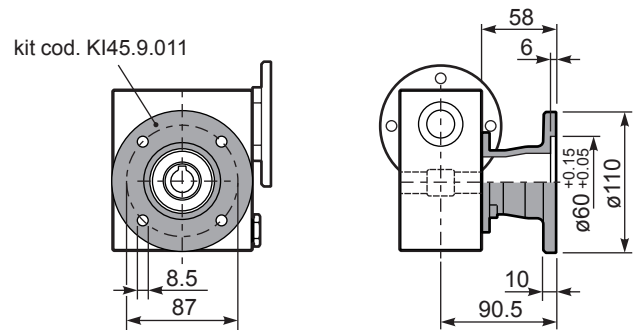
M. flanges	Kit code	øF	A
63B14	KI50.4.047	90	73.5
71B14	KI50.4.045	105	71



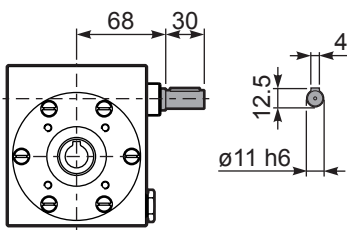
BI45UN... Modular base
Base modulare



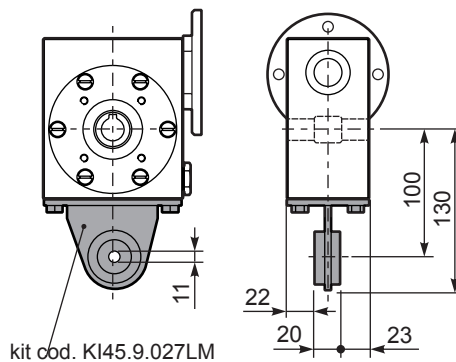
PI45FL... Output flange
Flangia uscita



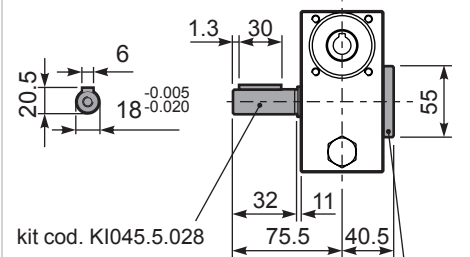
RI45UN... Input shaft
Albero in entrata



PI45BR... Reaction arm
Braccio di reazione



PI45....S... Single Shaft
Albero lento semplice



kit cod. KI45.0.209
Protection cup (on request)
A richiesta coperchio di protezione