

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	1.5	6.1	257	-	-	-	B	B		88	4.23	01
140	10	4.0	218	1.3	5.2	284	-	-	-	B	B		80	4.2	02
100	14	3.0	223	1.4	4.1	305	-	-	-	B	B		78	4.5	03
70	20	2.2	237	1.2	2.7	294	-	-	-	B	B		79	3.4	04
64	22	2.2	258	1.1	2.5	294	-	-	-	B	B		78	3.1	05
50	28	2.2	315	1.1	2.4	347	-	-	-	B	B		75	4.7	06
37	38	1.5	276	1.2	1.8	336	-	-	-	B			71	3.5	07
30	46	1.5	320	1.0	1.5	326	-	-	-	B			68	3.1	08
27	52	1.1	258	1.1	1.2	289	-	-	-	B			66	2.7	09
21	67	1.1	327	0.9	0.97	289	-	-	-	B			65	2.1	10
18.9	74	0.75	220	1.2	0.91	268	-	-	-	B			58	1.9	11
14.6	96	0.55	191	1.3	0.70	242	-	-	-	B			53	1.5	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 I85 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.

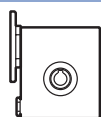
See Table 2 for possible radial and axial loads on the gearbox.

Il riduttore tipo I85 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.

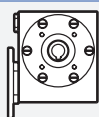
Shell Omala S4 WE 320

Eni Telium VSF 320

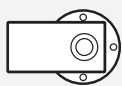
B3
Standard
1.40 L



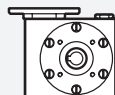
B8
On request
1.40 L



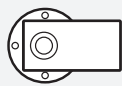
B6
On request
1.40 L



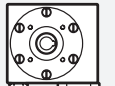
V5
On request
1.40 L



B7
On request
1.70 L



V6
On request
1.40 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. KI850211



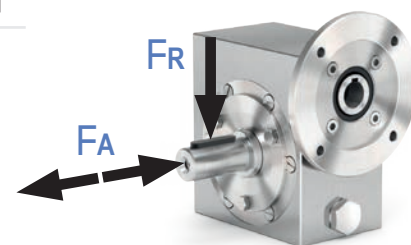
Radial and axial loads

Carichi radiali e assiali

Output shaft

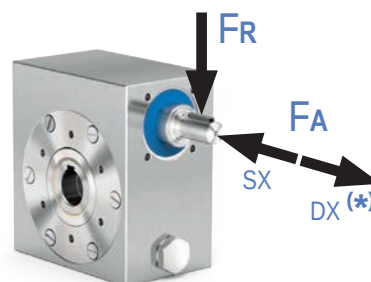
Albero di uscita

n_2 [min ⁻¹]	F_A [N]	F_R [N]
200	500	2500
150	580	2900
100	600	3000
75	700	3500
50	800	4000
25	1000	5000
15	1160	5800



Input shaft

Albero in entrata



n_1 [min ⁻¹]	F_A [N]	F_R [N]
1400	130	650

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

* Non sono consentiti forti carichi assiali con direzione DX

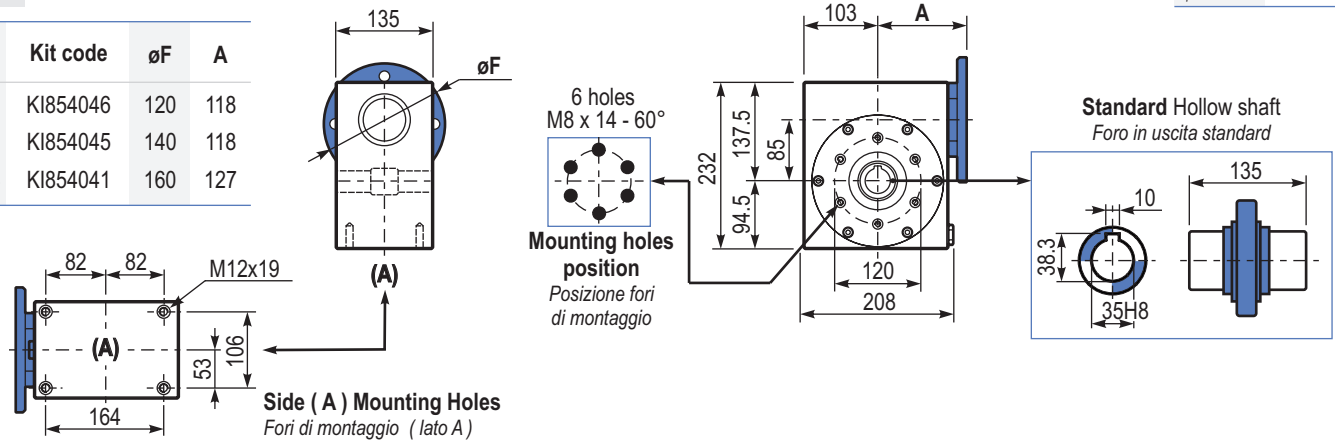
Tab. 2

PI85UNI...

Basic gearbox
Riduttore base

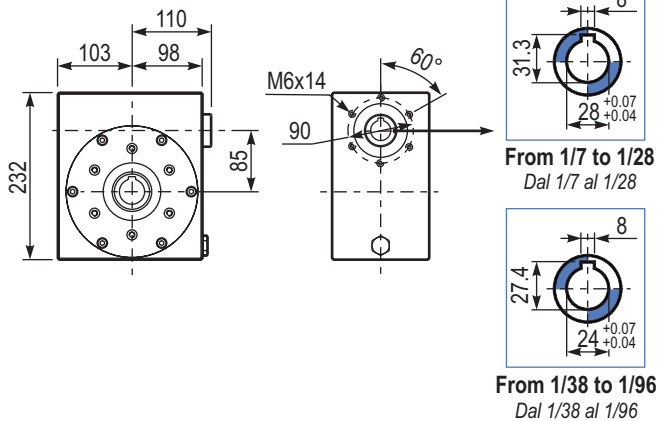
Gearbox
weight
peso riduttore **23.3 kg**

M. flanges	Kit code	øF	A
80B14	KI854046	120	118
90B14	KI854045	140	118
100-112B14	KI854041	160	127



B185UNI...

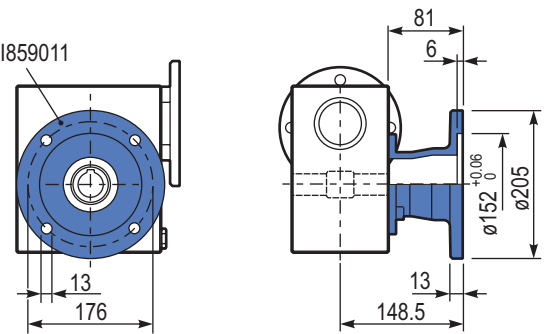
Modular base
Base modulare



PI85FLL...

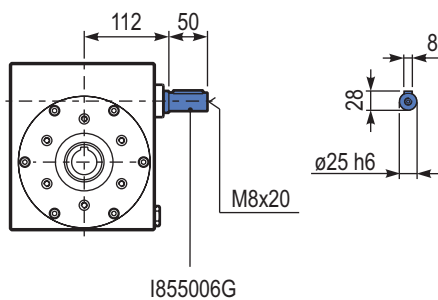
Output flange
Flangia uscita

kit cod. KI859011



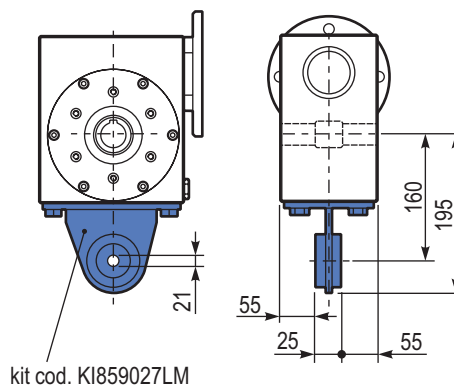
R185UNI...

Input shaft
Albero in entrata



PI85BRI...

Reaction arm
Braccio di reazione



PI85...SMK...

Single Shaft
Albero lento semplice

