

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
							-	-	-	-R	-T	-U			
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

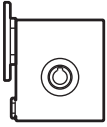
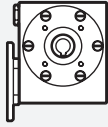
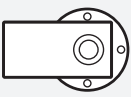
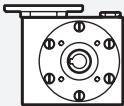
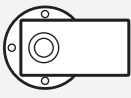
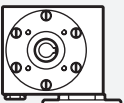
Lubrication

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

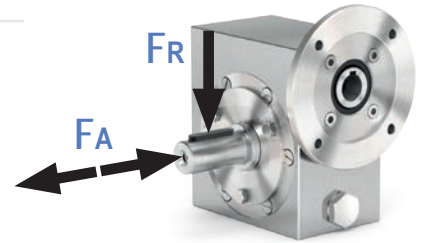
Radial and axial loads

Carichi radiali e assiali

Output shaft

Albero di uscita

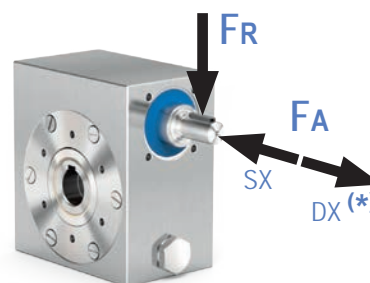
n_2 [min ⁻¹]	FA [N]	FR [N]
200	600	2900
150	700	3300
100	750	3600
75	800	4000
50	920	4600
25	1200	6000
15	1400	7000



Input shaft

Albero in entrata

n_1 [min ⁻¹]	FA [N]	FR [N]
1400	228	1140



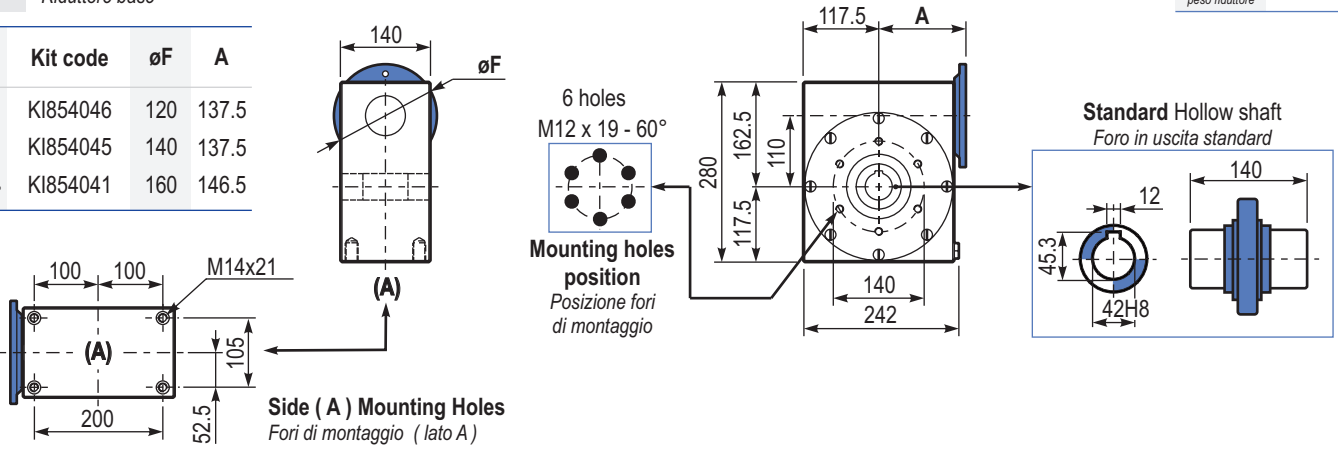
* Strong axial loads in the DX direction are not allowed. * Non sono consentiti forti carichi assiali con direzione DX

Tab. 2

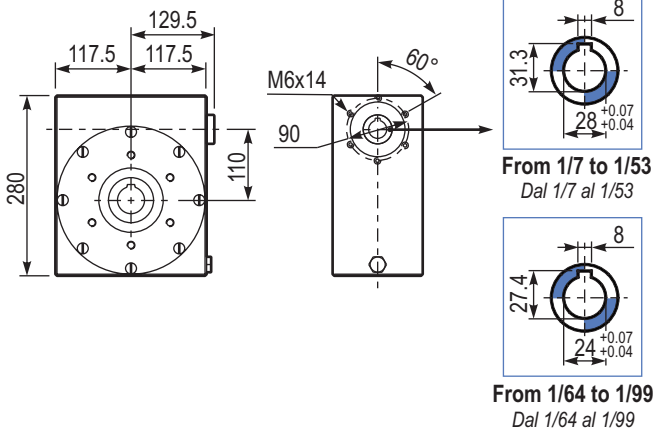
PI11UNI... **Basic gearbox**
Riduttore base

Gearbox weight
peso riduttore **38.5 kg**

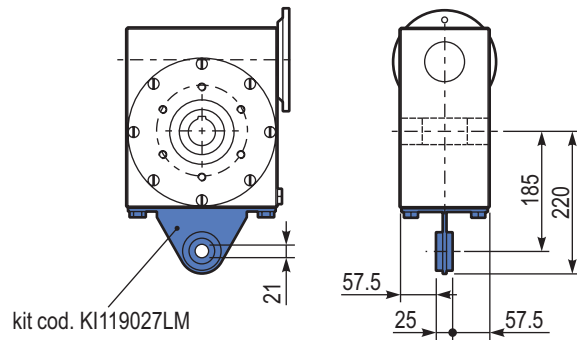
M. flanges	Kit code	øF	A
80B14	KI854046	120	137.5
90B14	KI854045	140	137.5
100-112B14	KI854041	160	146.5



B111UNI... **Modular base**
Base modulare



PI11BRI... **Reaction arm**
Braccio di reazione



R111UNI... **Input shaft**
Albero in entrata

