

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	Ratio 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 disponibiliB) Supplied with reduction bushing
Fornito con bussola di riduzioneB) Available on request without reduction bushing
Disponibile a richiesta senza bussola di riduzioneC) Motor flange holes position
Posizione fori flangia motore

Lubrication

Lubrificazione

Unit N85 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 N85 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.

Oil quantity for
all positions:
1.0 LQuantità olio per tutte
le posizioni: 1.0 L

Shell

Omala S4 WE 320

Eni

Telium VSF 320

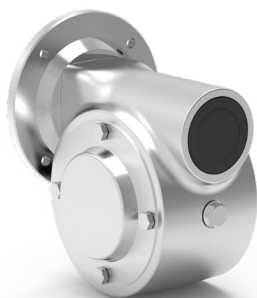
Tab. 1

Suggested

Suggerito

Stainless steel protection cap
(on request).Coperchio di protezione in
acciaio inox a richiesta.

Kit cod. KN850209



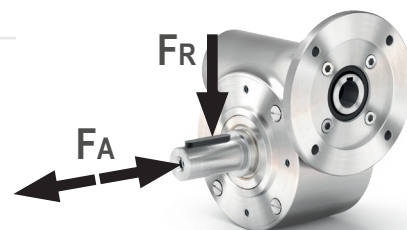
Radial and axial loads

Carichi radiali e assiali

Output shaft

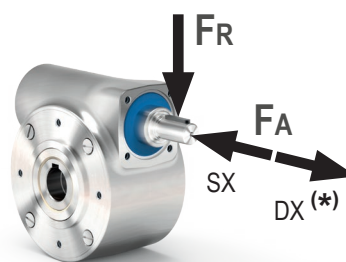
Albero di uscita

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

347
Nm

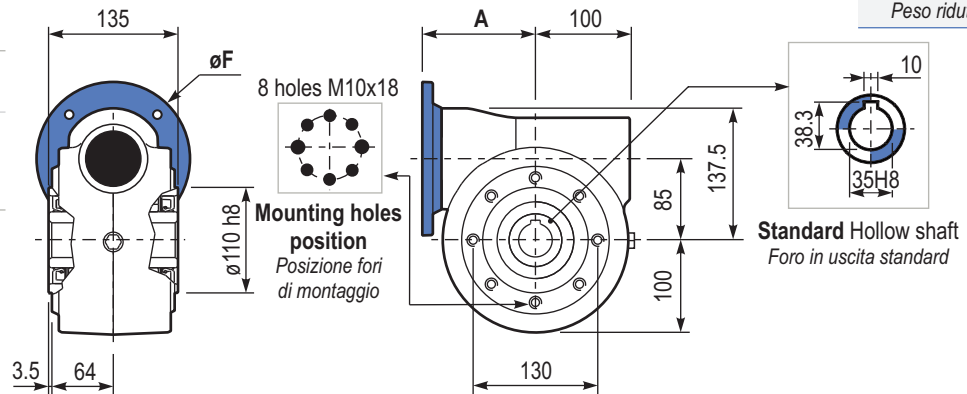
N85

PN85**UNI**..

Basic gearbox
Riduttore base

Gearbox weight
Peso riduttore **21.0 kg**

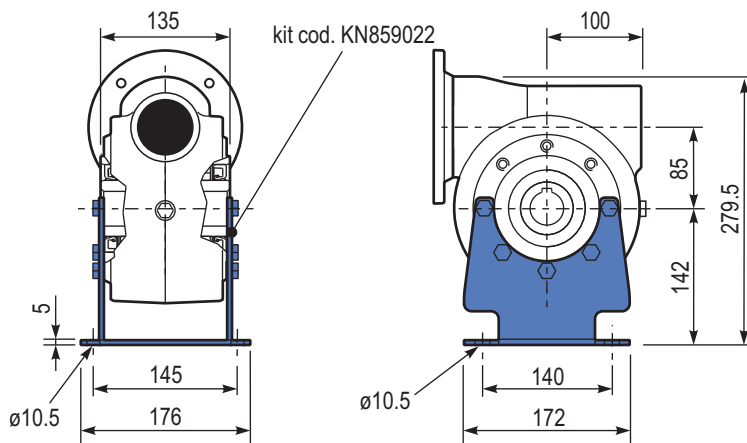
M. flanges	Kit code	øF	A
80B14	KI854046	120	118
90B14	KI854045	140	118
100/112B14	KI854041	160	127



PN85**PAI**..

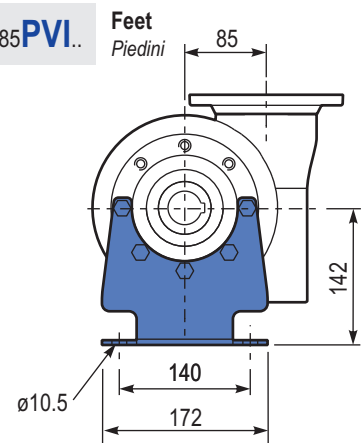
Feet
Piedini

kit cod. KN859022



PN85**PVI**..

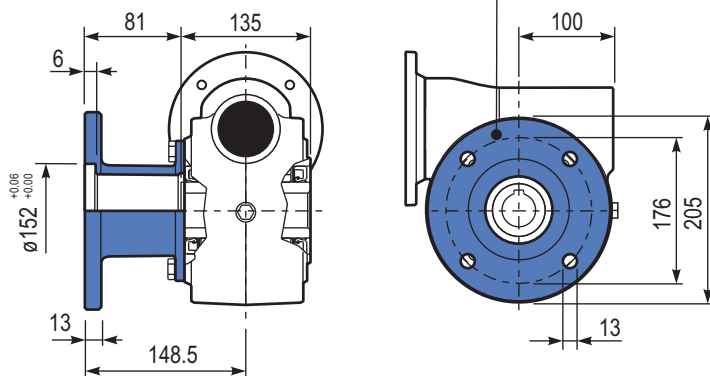
Feet
Piedini



PN85**FLL**..

Output flange
Flangia uscita

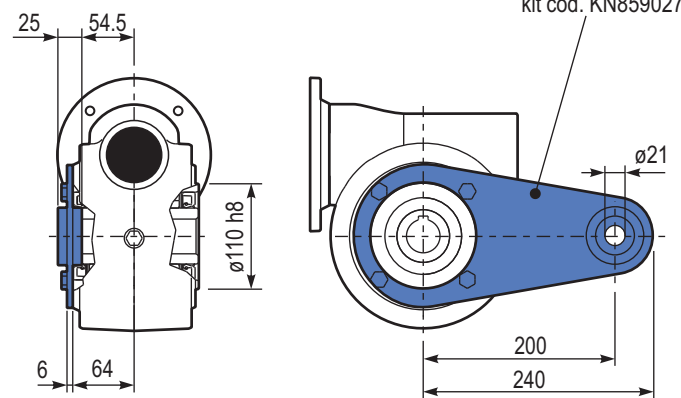
kit cod. KN859011



PN85**BRI**..

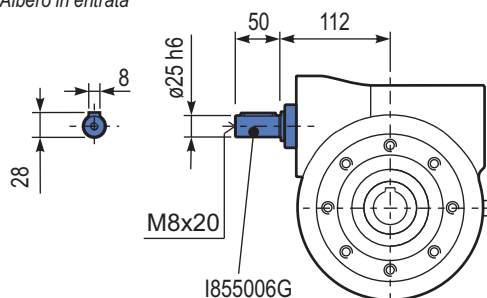
Reaction arm
Braccio di reazione

kit cod. KN859027



RN85**UNI**..

Input shaft
Albero in entrata



PN85..**SMK**

Single output shaft
Albero semplice in uscita

kit cod. KN850209
Protection cap
(on request)
A richiesta coperchio di protezione

