

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]	-	-	-O	-P	RD	[mm]	
280	5	0.18	5	3.3	0.60	17			B-C		82	1.26	09
200	7	0.18	7	2.4	0.44	17			B-C		80	1.44	01
140	10	0.18	10	1.8	0.32	17			B-C		78	1.44	02
93	15	0.18	13	1.4	0.25	19			B-C		73	1.44	03
70	20	0.18	17	1.1	0.20	19			B-C		70	1.09	04
47	30	0.12	15	1.4	0.17	21			B-C		62	1.44	05
35	40	0.12	19	1.1	0.13	20			B-C		57	1.09	06
23	61	0.09	19	1.1	0.10	20			B-C		50	0.72	07
17.5	80	0.06	16	1.0	0.06	16			B-C		48	0.56	08
14	100	0.06*	16	0.5	0.03	8			B-C		40	0.45	10

* Power higher than the maximum one which can be supported by the gearbox. Select according to the torque M_{2R}

Potenza superiore a quella massima sopportabile dal riduttore. Selezionare in base al momento torcente M_{2R}

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 N30 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 N30 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:
0.04 L

Quantità olio per tutte
le posizioni: 0.04 L

Shell
Omala S4 WE 320

Eni
Telium VSF 320

Tab. 1

Suggested

Sugerito

Stainless steel protection cap
(on request).

Coperchio di protezione in
acciaio inox a richiesta.

Kit cod. KN300209



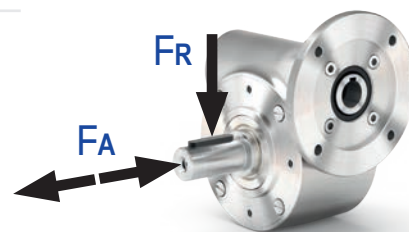
Radial and axial loads

Carichi radiali e assiali

Output shaft

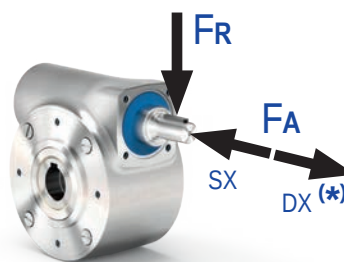
Albero di uscita

n_2 [min ⁻¹]	F_A [N]	F_R [N]
200	120	600
150	140	700
100	160	800
75	180	900
50	200	1000
25	250	1250
15	280	1400



Input shaft

Albero in entrata



n_1 [min ⁻¹]	F_A [N]	F_R [N]
1400	20	100

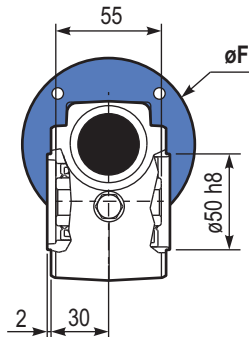
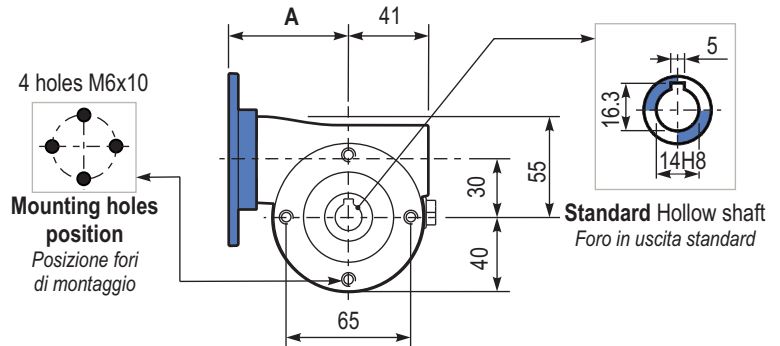
* Strong axial loads in the DX direction are not allowed.

* Non sono consentiti forti carichi assiali con direzione DX

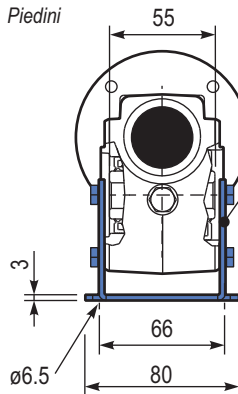
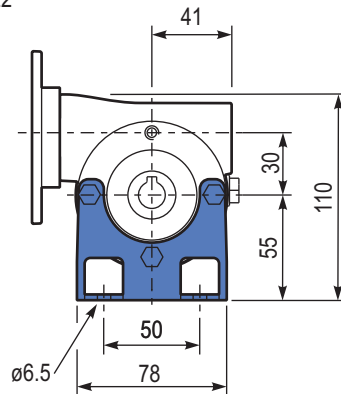
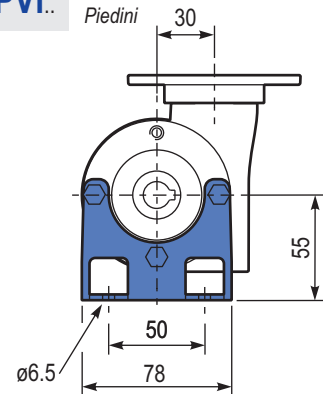
Tab. 2

PN30**UNI..****Basic gearbox**
*Riduttore base***Gearbox weight**
*Peso riduttore***2.2 kg**

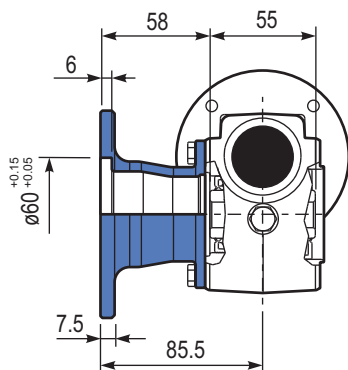
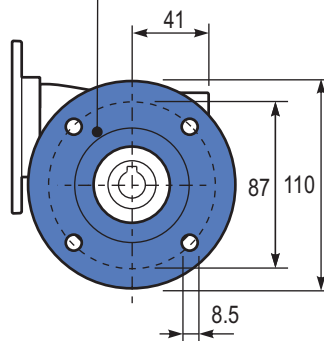
M. flanges	Kit code	øF	A
56B14	KI304046	80	61.5
63B14	KI304045	90	62.5

PN30**PAI..****Feet**
Piedini

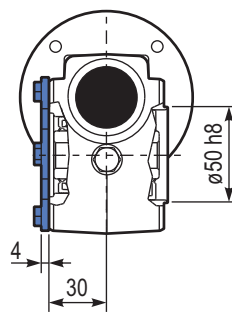
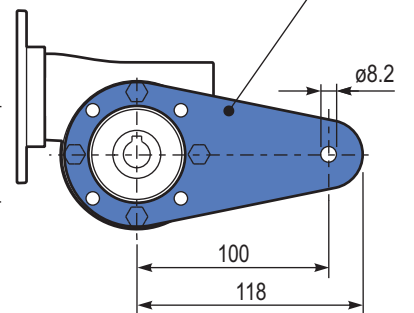
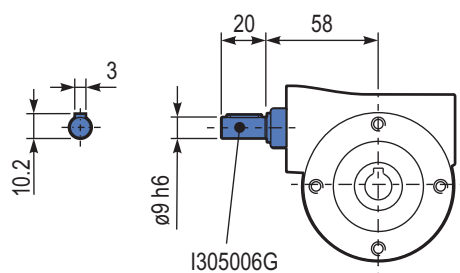
kit cod. KN309022

PN30**PVI..****Feet**
PiediniPN30**FLL..****Output flange**
Flangia uscita

kit cod. KN459011

PN30**BRI..****Reaction arm**
Braccio di reazione

kit cod. KN459027

RN30**UNI..****Input shaft**
Albero in entrataPN30..**SMA****Single output shaft**
*Albero semplice in uscita*kit cod. KN300209
Protection cap
(on request)
A richiesta coperchio di protezione