

Input speed ( $n_1$ ) = 1400 min<sup>-1</sup>

Output speed $n_2$ [min <sup>-1</sup> ]	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]	Ratio code
							-A	-B	-O	-P			
9.3	150	0.06	29	1.2	0.07	35	B		B-C		48	1.44	01
6.7	210	0.06	39	0.9	0.05	35	B		B-C		45	1.44	02
4.7	300	0.06*	35	<0.8	0.05	35	B		B-C		36	1.44	03
3.1	450	0.06*	35	<0.8	0.03	35	B		B-C		33	1.44	04
2.3	600	0.06*	35	<0.8	0.03	35	B		B-C		30	1.44	05
1.6	900	0.06*	35	<0.8	0.02	35	B		B-C		27	1.44	06
1.2	1200	0.06*	35	<0.8	0.02	35	B		B-C		26	1.44	07
0.8	1830	0.06*	35	<0.8	0.01	35	B		B-C		24	1.44	08
0.6	2400	0.06*	35	<0.8	0.01	35	B		B-C		22	1.44	09

\* 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  $M_{2R}$

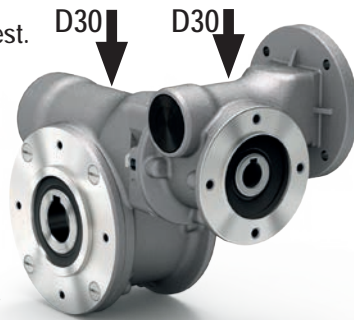
-  **Motor flanges available**  
Flange motore disponibili
-  **B) Supplied with reduction bushing**  
Fornito con bussola di riduzione
-  **B) Available on request without reduction bushing**  
Disponibile a richiesta senza bussola di riduzione
-  **C) Motor flange holes position**  
Posizione fori flangia motore

## Lubrication

### Lubrificazione

Unit 3D3 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 3D3 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.



D30: 0.03 L	Shell Omala S4 WE 320	Eni Telium VSF 320
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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.

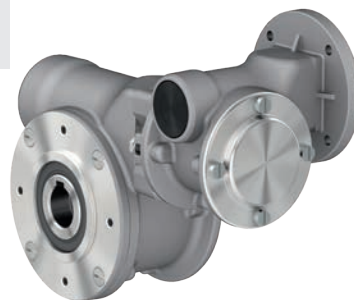
## Suggested

### Suggerito

Stainless steel protection cap (on request).

Coperchio di protezione in acciaio inox a richiesta.

Kit cod. KN300209



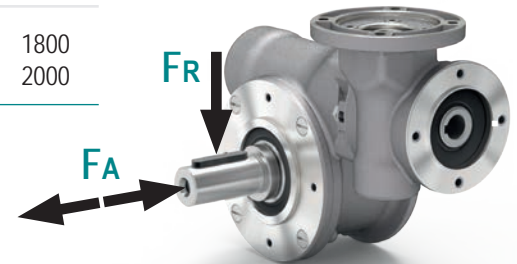
## Radial and axial loads

### Carichi radiali e assiali

#### Output shaft

Albero di uscita

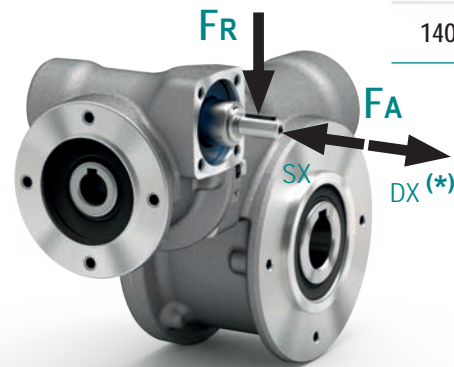
$n_2$ [min <sup>-1</sup> ]	FA [N]	FR [N]
25	300	1800
15	400	2000



#### Input shaft

Albero in entrata

$n_1$ [min <sup>-1</sup> ]	FA [N]	FR [N]
1400	20	100



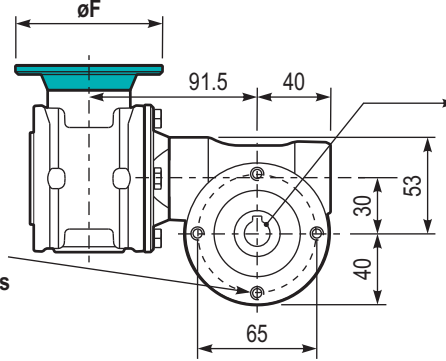
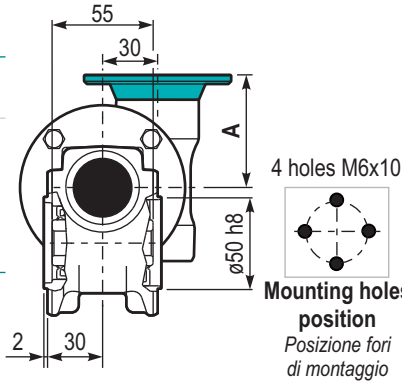
\* Strong axial loads in the DX direction are not allowed.

\* Non sono consentiti forti carichi assiali con direzione DX

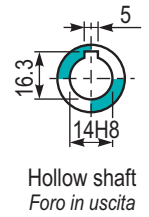
Tab. 2

**P3D3UNI..** Basic gearbox  
*Riduttore base*

M. flanges	Kit code	øF	A
56B5	KD304041	120	62
63B5	KD304042	140	63
56B14	KD304046	80	62
63B14	KD304045	90	63



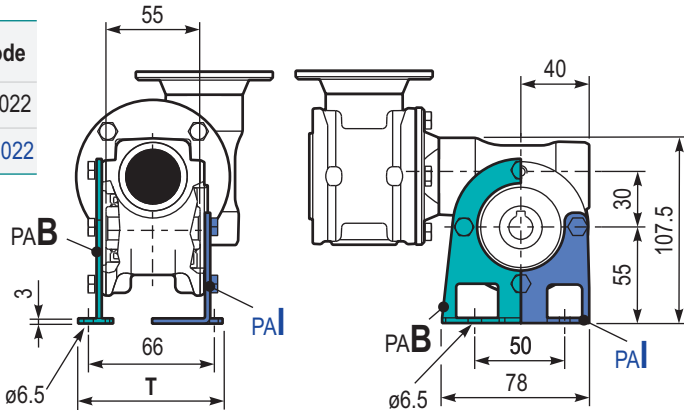
**Gearbox weight**  
*Peso riduttore* 2.15 kg



**P3D3PA...** Feet  
*Piedini*

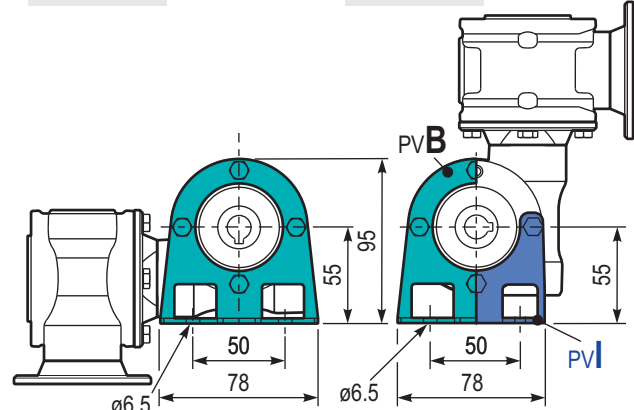
Type	T	Kit code
B**	87	K0309022
I*	80	KN309022

\*\* Zink plated  
\* Stainless steel

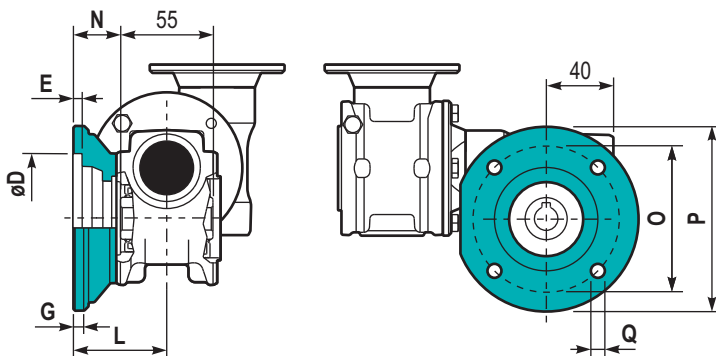


**P3D3PBB..** Feet  
*Piedini*

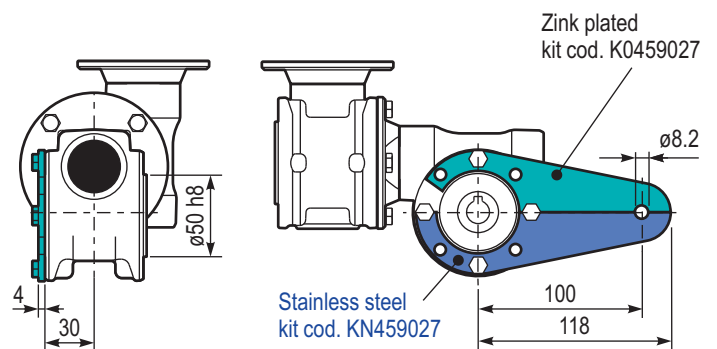
**P3D3PV...** Feet  
*Piedini*



**P3D3FL..** Output flange  
*Flangia uscita*

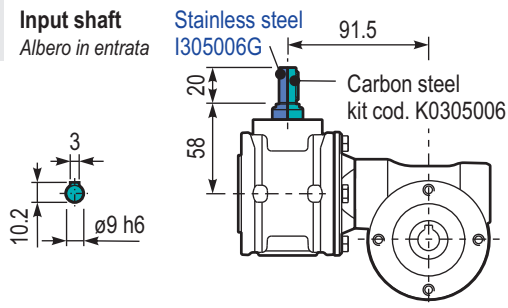


**P3D3BR...** Reaction arm  
*Braccio di reazione*



Type	øD	E	G	L	N	O	P	Q	Kit code
C	50 <sup>+0.15</sup> / <sub>+0.05</sub>	6	6	50.5	23	68	80	7	K0309010
L	60 <sup>+0.15</sup> / <sub>+0.05</sub>	6	6	55.5	28	87	110	8.5	K0459010

**R3D3UNI..** Input shaft  
*Albero in entrata*



**P3D3..SMA** Single output shaft  
*Albero semplice in uscita*

kit cod. KN300209  
**Protection cap**  
**(on request)**  
*A richiesta coperchio di protezione*

