

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			
5.6	252	0.18	142	1.6	0.29	230	B	B	B-C	B-C	46	2.7	01
3.9	360	0.18	181	1.3	0.23	230	B	B	B-C	B-C	41	2.7	02
2.6	540	0.12	164	1.4	0.17	230	B	B	B-C	B-C	37	2.7	03
1.9	720	0.12	200	1.1	0.14	230	B	B	B-C	B-C	34	2.7	04
1.3	1080	0.12	265	0.9	0.10	230	B	B	B-C	B-C	30	2.7	05
1.0	1440	0.12*	230	<0.8	0.09	230	B	B	B-C	B-C	27	2.7	06
0.5	2745	0.12*	230	<0.8	0.05	230	B	B	B-C	B-C	23	2.1	07

\* 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

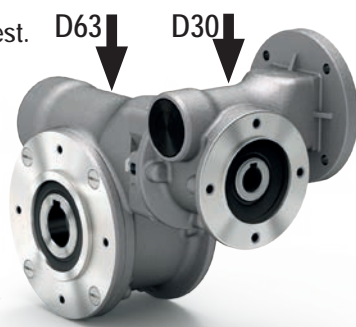
**C) Motor flange holes position**  
Posizione fori flangia motore

## Lubrication

Lubrificazione

Unit 6D3 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 6D3 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.



D63: 0.40 L  
D30: 0.03 L

Shell  
Omala S4 WE 320

Eni  
Telium VSF 320

For all details on lubrication and plugs check our website.  
Per maggiori dettagli su lubrificazione e tappi olio vedi il nostro sito web.

Tab. 1

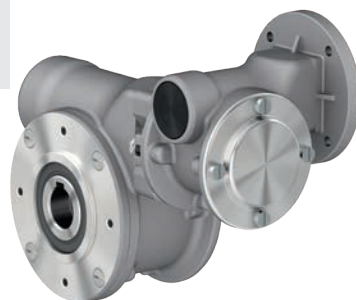
## Suggested

Suggerito

Stainless steel protection cap (on request).

Coperchio di protezione in acciaio inox a richiesta.

Kit cod. KN300209



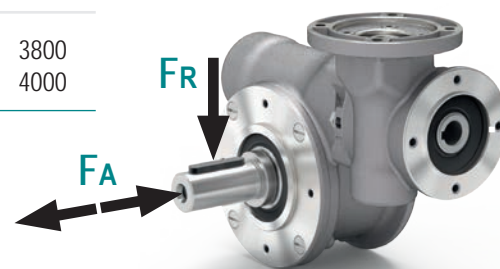
## Radial and axial loads

Carichi radiali e assiali

### Output shaft

Albero di uscita

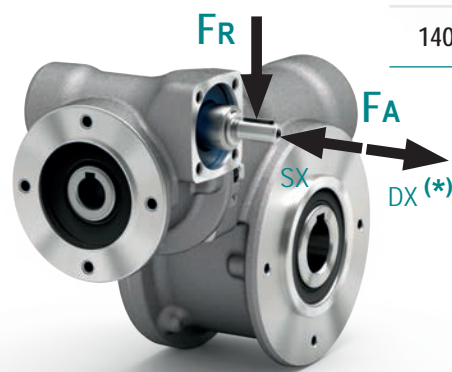
$n_2$ [min <sup>-1</sup> ]	FA [N]	FR [N]
25	700	3800
15	800	4000



### Input shaft

Albero in entrata

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

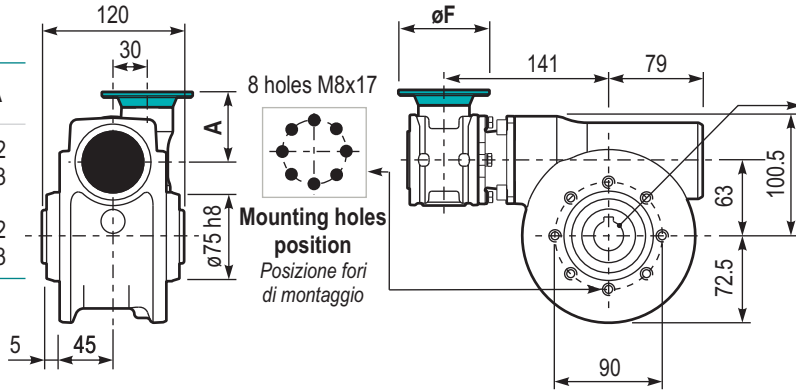


\* Strong axial loads in the DX direction are not allowed.  
\* Non sono consentiti forti carichi assiali con direzione DX

Tab. 2

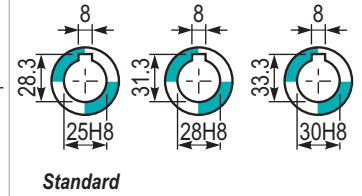
**P6D3 UNI.. Basic gearbox**  
*Riduttore base*

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* **7.50 kg**

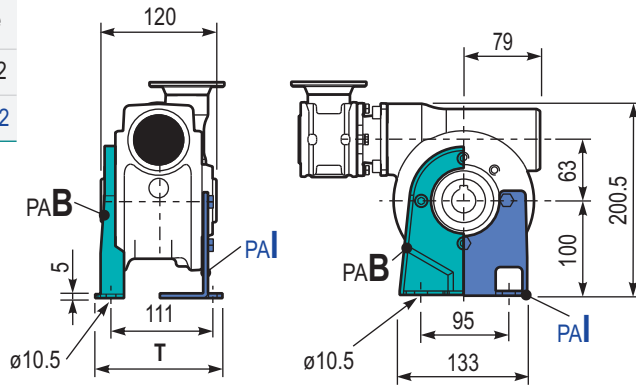
**Hollow shaft**  
*Foro in uscita*



**P6D3 PA... Feet**  
*Piedini*

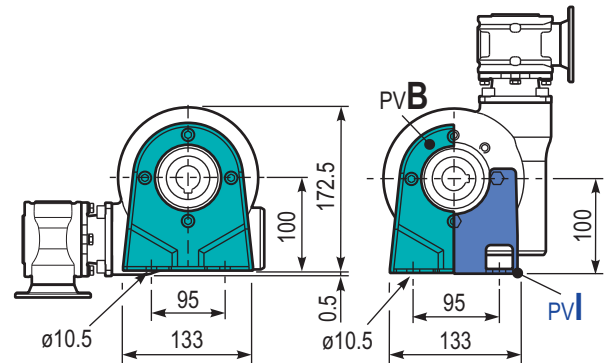
Type	T	Kit code
B**	144	K0639022
I*	130	KN639022

\*\* Zink plated  
\* Stainless steel

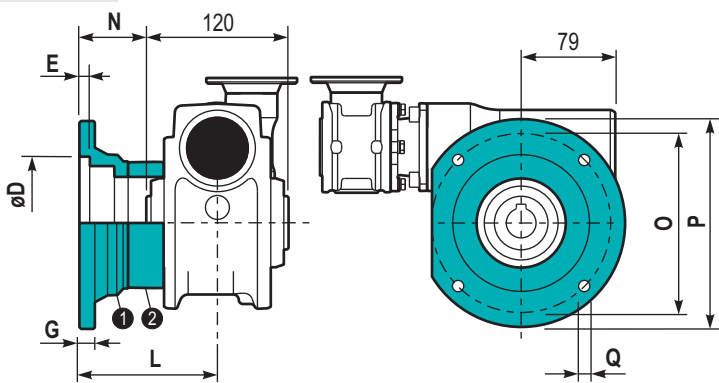


**P6D3 PBB.. Feet**  
*Piedini*

**P6D3 PV... Feet**  
*Piedini*

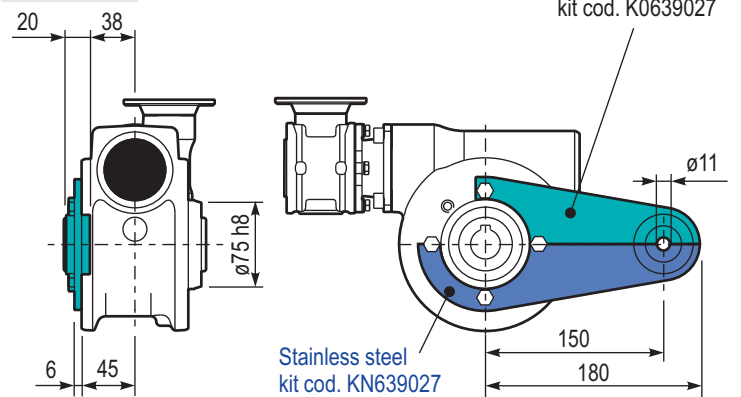


**P6D3 FL.. Output flange**  
*Flangia uscita*

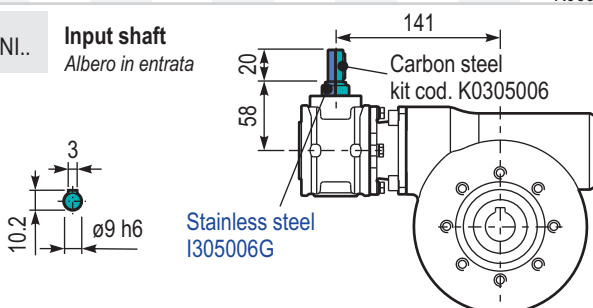


Type	øD	E	G	L	N	O	P	Q	Kit code
C	115 <sup>+0.20</sup> / <sub>-0.15</sub>	7	13	86	26	150	175	11	① K0639010 ② -
L	115 <sup>+0.20</sup> / <sub>-0.15</sub>	7	13	116	56	150	175	11	① K0639010 ② K0630200

**P6D3 BR... Reaction arm**  
*Braccio di reazione*



**R6D3UNI.. Input shaft**  
*Albero in entrata*



**P6D3..SMF Single output shaft**  
*Albero semplice in uscita*

