

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]	-A	-B	-O	-P	RD	[mm]	
10.0	140	0.12	57	1.2	0.14	69	B		B-C		50	2.2	01
7.0	200	0.12	79	0.9	0.11	69	B		B-C		48	2.2	02
5.0	280	0.06	52	1.3	0.08	69	B		B-C		45	2.4	03
3.3	420	0.06	62	1.1	0.07	69	B		B-C		36	1.6	04
2.5	560	0.06	76	0.9	0.05	69	B		B-C		33	2.5	05
1.9	740	0.06	91	0.8	0.05	69	B		B-C		30	1.8	06
1.5	920	0.06*	69	<0.8	0.04	69	B		B-C		27	1.5	07
1.3	1120	0.06*	69	<0.8	0.03	69	B		B-C		26	2.5	08
0.9	1480	0.06*	69	<0.8	0.03	69	B		B-C		24	1.8	09
0.8	1840	0.06*	69	<0.8	0.02	69	B		B-C		22	1.5	10
0.6	2400	0.06*	69	<0.8	0.02	69	B		B-C		21	1.2	11

* 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



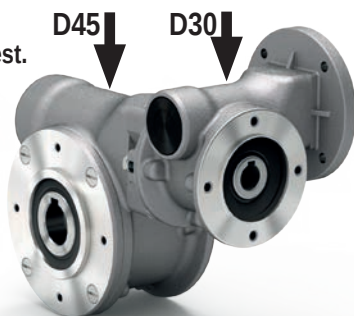
C) Motor flange holes position
Posizione fori flangia motore

Lubrication

Lubrificazione

Unit 4D3 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 4D3 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.



D45: 0.09 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.

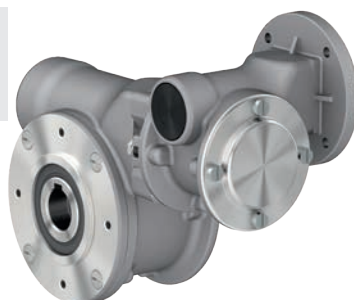
Tab. 1

Suggested

Sugerito

Stainless steel protection cap
(on request).

Coperchio di protezione in acciaio inox a richiesta.



Kit cod. KN300209

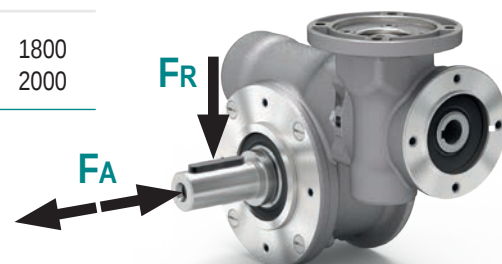
Radial and axial loads

Carichi radiali e assiali

Output shaft

Albero di uscita

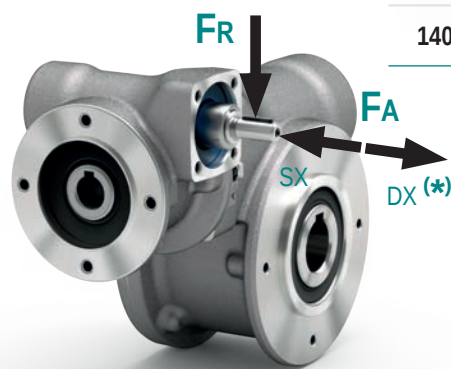
n_2 [min ⁻¹]	F_A [N]	F_R [N]
25	300	1800
15	400	2000



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

Technical drawing of the PV 10.5 motor showing front and side views with dimensions.

Front View (Left):

- Motor shaft diameter: $\varnothing 10.5$
- Base width: 98
- Base height: 72
- Total height: 126
- Internal mounting hole diameter: 52

Side View (Right):

- Motor shaft diameter: $\varnothing 10.5$
- Base width: 98
- Base height: 72
- Internal mounting hole diameter: 52
- Labels: PV B (top), PV I (bottom right)

Technical drawings of the KN459027 stainless steel valve. The left drawing is a front view showing a circular port with a diameter of 50 mm and a height of 8 mm. The right drawing is a side view showing a blue valve body with a stainless steel handle (kit cod. KN459027) and a zink-plated handle (kit cod. K0459027). Dimensions include a 4 mm width, 35 mm height, 100 mm length, and 118 mm total length. A hole diameter of 8.2 mm is also indicated.

kit cod. KN300209

**Protection cap
(on request)**

*A richiesta coperchio
di protezione*

Carbon steel
kit cod. K0455028

Stainless steel
kit cod. KI0455028

Technical drawing showing dimensions and components of the protection cap assembly.

Dimensions (mm): 41.5, 75.5, 32, 43, 70, 32, 6, 20.5, 18, 0.005, 0.020.

Components: Protection cap (on request), Carbon steel kit cod. K0455028, Stainless steel kit cod. KI0455028.