

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]	-B 63	-C 71	-D 80	-E 90	-Q 71	-R 80	-T 90	RD	[mm]	
200	7	1.8	71	1.8	3.2	125		B	B		B-C	B-C		83	3.1	01
140	10	1.8	99	1.4	2.4	134		B	B		B-C	B-C		81	3.1	02
93	15	1.5	121	1.1	1.7	138		B	B		B-C	B-C		79	3.1	03
74	19	1.1	111	1.2	1.4	138		B	B		B-C	B-C		78	2.6	04
58	24	1.1	135	1.0	1.2	142		B	B		B-C	B-C		75	2.0	05
47	30	1.1	167	0.9	0.96	146		B	B		B-C	B-C		74	3.2	06
39	36	0.75	125	1.2	0.88	147		B	B		B-C	B-C		68	2.7	07
35	40	0.75	135	1.0	0.78	140		B	B		B-C	B-C		66	2.5	13
31	45	0.55	111	1.2	0.67	135	B	B			B-C	C		66	2.1	08
23	60	0.55	140	0.9	0.51	130	B	B			B-C	C		62	1.6	12
21	67	0.55	151	0.8	0.45	124	B	B			B-C	C		60	1.5	09
17.5	80	0.37	115	1.0	0.38	119	B	B			B-C	C		57	1.3	10
14.9	94	0.37	123	1.0	0.36	119	B	B			B-C	C		52	1.1	11

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 D63 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 D63 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:
0.40 L

Quantità olio per tutte
le posizioni: 0.40 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. KN630209



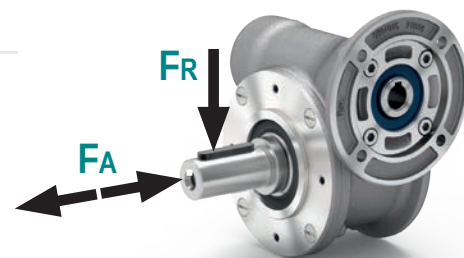
Radial and axial loads

Carichi radiali e assiali

Output shaft

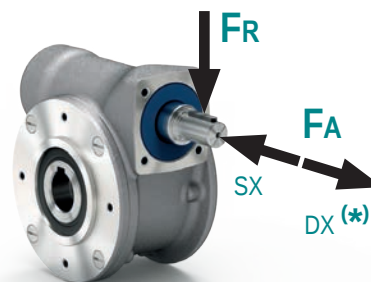
Albero di uscita

n_2 [min ⁻¹]	F_A [N]	F_R [N]
200	360	1800
150	400	2000
100	460	2300
75	500	2500
50	600	3000
25	700	3800
15	800	4000



Input shaft

Albero in entrata



n_1 [min ⁻¹]	F_A [N]	F_R [N]
1400	90	450

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

* Non sono consentiti forti carichi assiali con direzione DX

Tab. 2

6.00 kg

Hollow shaft
Foro in uscita

8
26.3
25H8
Standard

8
31.3
28H8

8
33.3
30H8

Feet
Piedini

Technical drawing of the PD63 PV ... Feet (Piedini) showing dimensions and labels. The drawing includes a side view and a top view. The side view shows a height of 100 and a width of 95. The top view shows a width of 133 and a height of 0.5. Labels include PV B, Feet, Piedini, and PV I.

Zink plated
kit cod. K0639027

20 38

6 45

75 h8

150 180

11

kit cod. K0639027

Stainless steel
kit cod. KN639027

Stainless steel
kit cod. KI0635028

Albero in entrata

20.5

6

18 h6

45

93

M6x16

Carbon steel kit cod. K0635006 PAM80

Carbon steel kit cod. K0635007 PAM90

kit cod. KN630209
Protection cap
(on request)
A richiesta coperchio di protezione

Stainless steel
kit cod. K10635028

Carbon steel
kit cod. K0635028

M8x20