

Input speed (n_1) = 1750 min⁻¹

Output speed	Ratio	Motor power	Output torque	Service factor	Nominal power	Nominal torque	Available NEMA motor flanges		Dynamic efficiency	Tooth module	Ratio code
n_2 [min ⁻¹]	i	P _{1M} [HP]	M _{2M} [lb in]	f.s	P _{1R} [HP]	M _{2R} [lb in]	-W 56C	-	RD	[mm]	
250.0	7	1	202	1.3	1.29	257			80	2.2	01
175.0	10	0.75	213	1.2	0.91	257			79	2.2	02
125.0	14	0.5	194	1.3	0.67	257			77	2.4	03
83.3	21	0.5	253	1.4	0.69	345			67	1.6	04
62.5	28	0.5	328	1.1	0.53	345			65	2.5	05
47.3	37	0.33	277	1.2	0.42	345			63	1.8	06
38.0	46	0.33	323	1.1	0.36	345			59	1.5	07
29.2	60	0.25	303	1.1	0.29	345			56	1.2	08
25.0	70	0.25	340	0.8	0.19	257			54	1.0	09
17.2	102	0.25*	450	<0.8	0.14	248			49	0.72	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 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 D45 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 D45 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:
3.17 oz.Quantità olio per tutte
le posizioni: 3.17 oz.Shell
Omala S4 WE 320Eni
Telium VSF 320

Tab. 1

Suggested

Suggerito

Stainless steel protection cap
(on request).Coperchio di protezione in
acciaio inox a richiesta.

Kit cod. KN300209



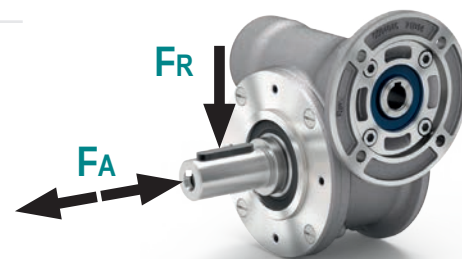
Radial and axial loads

Carichi radiali e assiali

Output shaft

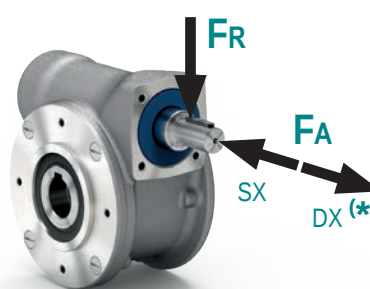
Albero di uscita

n_2 [min ⁻¹]	F _A [lb]	F _R [lb]
200	40	202
150	45	225
100	49	247
75	54	270
50	58	315
25	67	405
15	90	450



Input shaft

Albero in entrata



n_1 [min ⁻¹]	F _A [lb]	F _R [lb]
1750	9	47

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

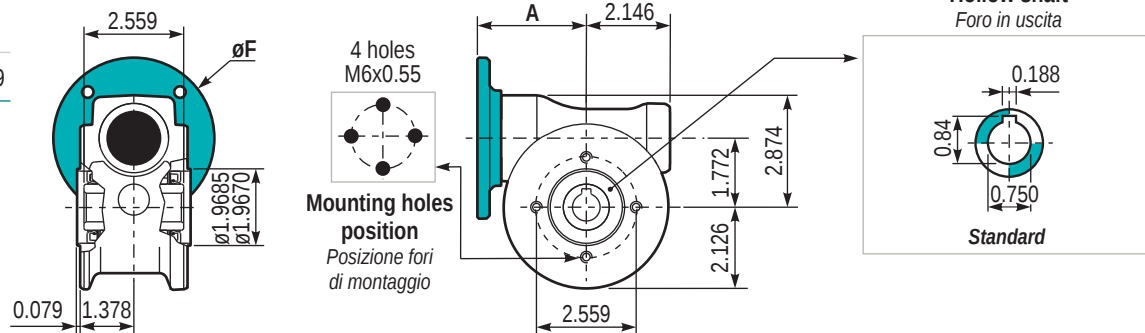
* Non sono consentiti forti carichi assiali con direzione DX

Tab. 2

PD45UNI..

Basic gearbox
Riduttore base

M. flanges	Kit code	øF	A
56C	KUD454041	6.5	3.709



Gearbox weight
Peso riduttore

5.30 lb

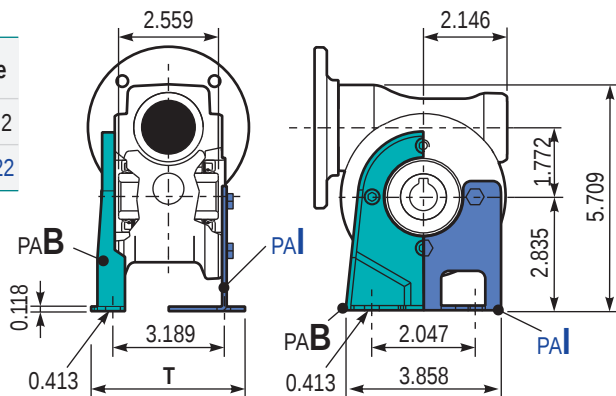
PD45PA...

Feet
Piedini

Type	T	Kit code
B**	4.016	K0459022
I*	3.937	KN459022

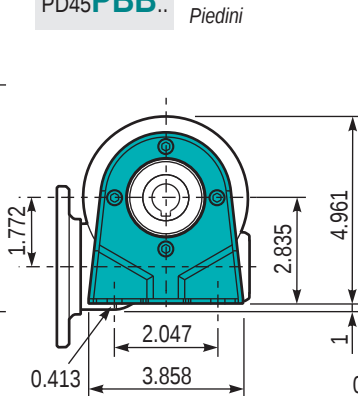
** Zink plated

* Stainless steel



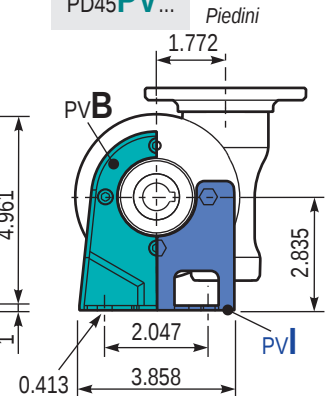
PD45PBB..

Feet
Piedini



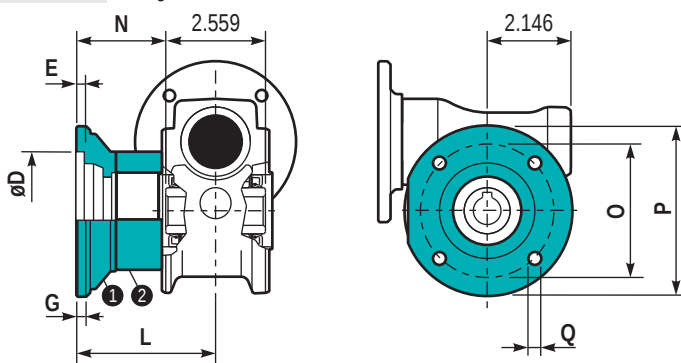
PD45PV...

Feet
Piedini



PD45FL..

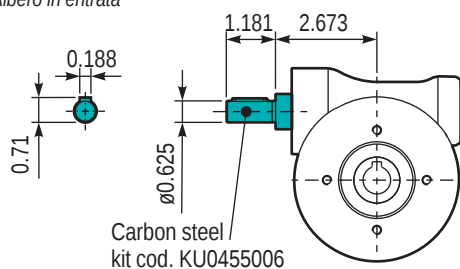
Output flange
Flangia uscita



Type	øD	E	G	L	N	O	P	Q	Kit code
C	2.3681 2.3642	0.35	0.35	2.382	1.102	3.425	4.331	0.33	① K0459010 ② -
L	2.3681 2.3642	0.35	0.35	3.563	2.283	3.425	4.331	0.33	① K0459010 ② K0450200

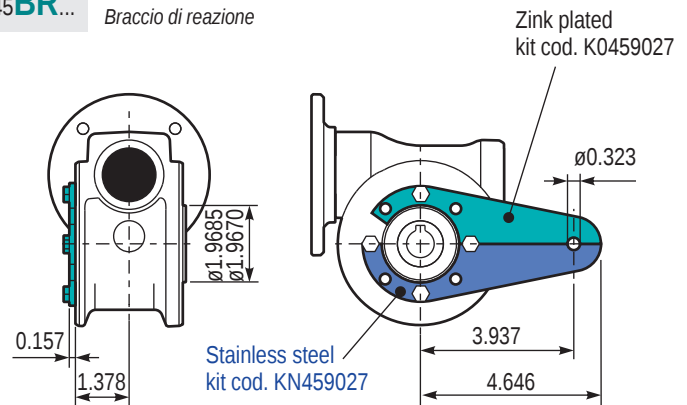
RD45UNI..

Input shaft
Albero in entrata



PD45BR...

Reaction arm
Braccio di reazione



PD45..SIB

Single output shaft
Albero semplice in uscita

kit cod. KN300209

Protection cap
(on request)

A richiesta coperchio
di protezione

