



QUICK SELECTION / Selezione veloce

input speed (n_1) = 1400 min⁻¹

Output Speed n_2 [min ⁻¹]	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]	Available B5 motor flanges				Available B14 motor flanges				Output Shaft $\varnothing$	Ratios code
							-B	-C	-D	-E	-Q	-R	-T			
							63	71	80	90	71	80	90			
18.5	75.50	1.5	725	1.1	1.7	825	B				C	C		191318	standard $\varnothing 40$ $\varnothing 45$ On request	01
16.2	86.47	1.5	830	1.1	1.6	900	B				C	C		191316		02
14.0	100.22	1.5	962	0.9	1.4	900	B				C	C		171316		03
12.0	116.56	1.1	817	1.1	1.2	900	B				C	C		171314		04
10.2	136.82	1.1	959	0.9	1.0	900	B				C	C		151314		05
9.1	153.05	0.75	736	1.1	0.83	810	B				C	C		190816		06
8.6	163.31	0.75	785	1.1	0.86	900	B				C	C		131314		07
7.9	178.01	0.75	856	1.1	0.79	900	B				C	C		190814		08
7.3	191.67	0.75	922	1.0	0.73	900	B				C	C		101316		09
6.8	206.32	0.75	992	0.9	0.68	900	B				C	C		170814		10
6.3	222.92	0.55	791	1.1	0.63	900	B				C	C		101314		11
5.8	242.18	0.55	859	1.0	0.58	900	B				C	C		150814		12
5.6	250.15	0.55	888	1.0	0.56	900	B				C	C		91316		13
4.8	289.08	0.55	1026	0.9	0.49	900	B				C	C		130814		14
4.2	330.31	0.37	783	1.1	0.42	890	B				C	C		71316		15
3.5	394.59	0.37	936	1.0	0.36	900	B				C	C		100814		16
2.7	514.99	0.25	824	1.1	0.27	900	B				C	C		90814		17
2.1	680.03	0.18	832	1.1	0.21	900	B				C	C		70814		18

The dynamic efficiency is 0.94 for all ratios

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

EN Unit **FC73** is supplied without lubricant and equipped with a breather, level and drain plugs. User can add mineral oil keeping existing plugs. Should the user wish to fill it with synthetic oil, it is recommended to replace the existing plugs with a closed plug.
See table 1 for lubrication and recommended quantity.
In table 2 please see possible radial loads and axial loads on the gearbox.

I Il riduttore tipo **FC73** è fornito privo di lubrificazione con tappi di sfiato, livello e scarico olio. L'utente può immettere olio minerale mantenendo i tappi esistenti. Se immetterà olio sintetico, dovrà sostituire i tappi esistenti con altri tipo chiuso.
Tab.1 per oli e quantità consigliati.
Tab.2 carichi radiali e assiali applicabili al riduttore.

D Das Getriebe der Baugröße **FC73** wird ohne Schmiermittel geliefert. Es ist jedoch mit Einfüllschraube, Überdruckventil und Ablassschraube ausgerüstet. Das benötigte mineralische Öl kann über die Einfüllschraube eingefüllt werden. Sollte synthetisches Öl bevorzugt werden, so ist sind das eingebaute Überdruckventil durch eine geschlossenen Schraube zu ersetzen.
In Tabelle 1 ist die Schmiermenge und das empfohlene Schmiermittel angegeben.
In Tabelle 2 sind die zulässigen Radial - und Axialbelastungen des Getriebes aufgeführt.

F Le réducteur de type **FC73** est fourni sans lubrification et avec un bouchon de remplissage, de niveau et d'évacuation de l'huile. L'utilisateur peut y verser de l'huile minérale en conservant les bouchons existants. S'il y versera de l'huile synthétique, il devra substituer les bouchons existants avec d'autres bouchons de type fermé.
Voir tableau 1 concernant les huiles et les quantités conseillées.
Voir tableau 2 concernant les charges radiales et axiales applicables au réducteur

E El reductor tamaño **FC73** se suministra sin lubricante, provisto de tapones de respiración, nivel y descarga de aceite. El usuario puede utilizar aceite mineral, manteniendo los tapones existentes. Si prefiere utilizar aceite sintético deberá sustituir los tapones existentes por tapones ciegos. La prerreducción se suministra con tapones ciegos, lubricado de por vida con aceite sintético.
Ver tabla 1, para cantidades y aceites recomendados.
En la tabla 2, se encuentran las cargas radiales y axiales admitidas por el reductor.

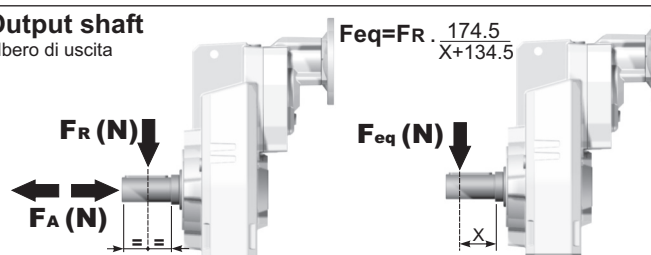
3.55 LT	1.95 LT	1.95 LT	1.95 LT	3.75 LT	2.00 LT
SHELL Omala S2 GX 460			ENI Blasias 460		

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

RADIAL AND AXIAL LOADS

Output shaft
Albero di uscita



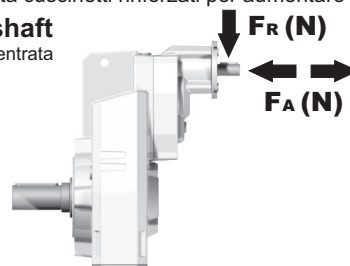
n_2	FA	FR	n_2	FA	FR	n_2	FA	FR
300	740	3700	140	860	4300	70	1020	5100
250	800	4000	120	900	4500	40	1300	6500
200	830	4150	85	970	4850	15	1700	8500

On request reinforced bearings to increase loads.

A richiesta cuscinetti rinforzati per aumentare i carichi.

Input shaft

Albero in entrata



n_1	FA	FR
1400	400	2000
900	440	2200
500	440	2200

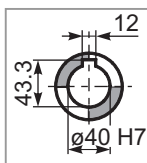
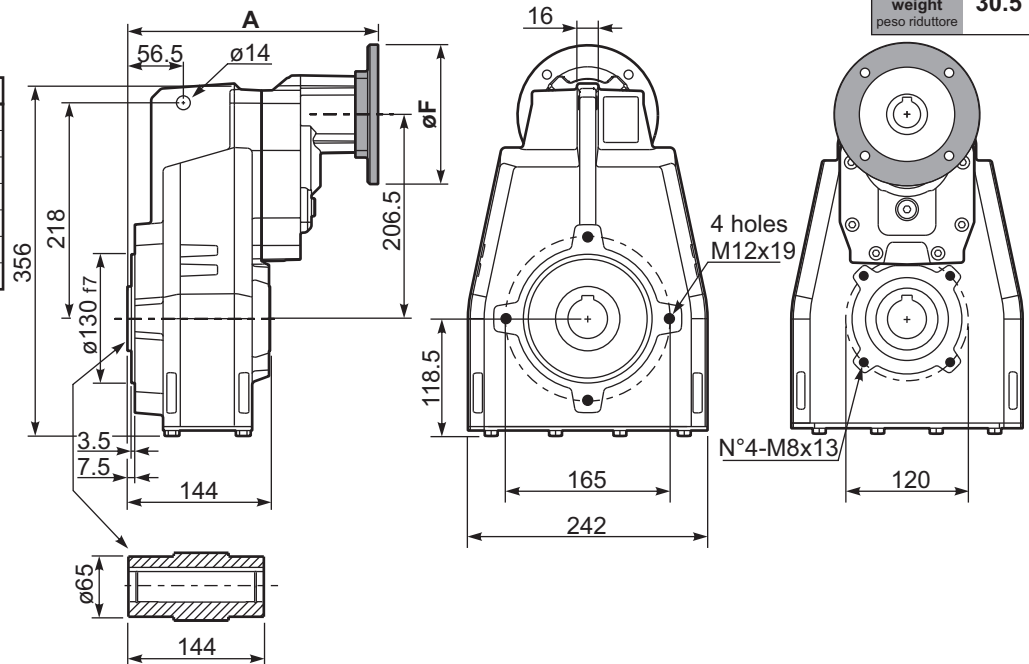
tab. 2

PFC73C...

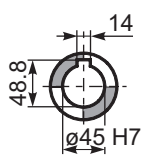
Basic gearbox
Riduttore base

Gearbox weight
peso riduttore **30.5 kg**

M. flanges	Kit code	øF	A
63B5	K063.4.041	140	250.5
71B5	K063.4.042	160	248.5
80/90B5	K063.4.043	200	250.5
71B14	K063.4.047	105	248.5
80B14	K063.4.046	120	250.5
90B14	K063.4.041	140	250.5



Standard
Hollow shaft

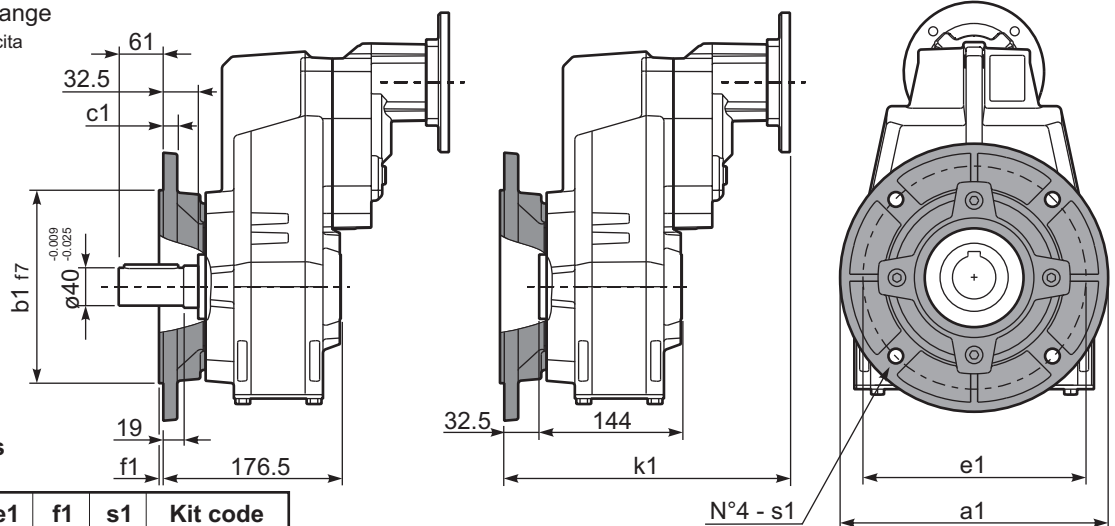


On request
A richiesta

PFC73...-F...

Output flange
Flangia uscita

M. flanges	k1
63B5	283
71B5	281
80/90B5	283
71B14	281
80B14	283
90B14	283

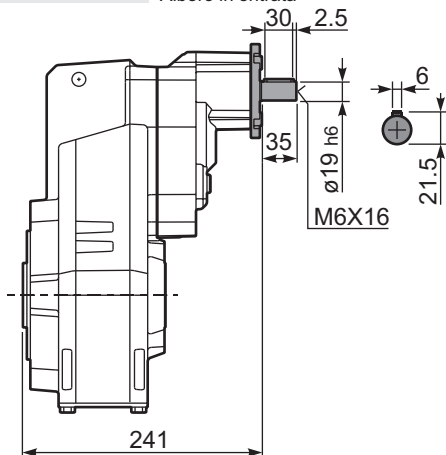


Available output flanges
Flange di uscita

a1 ø	b1	c1	e1	f1	s1	Kit code
250	180	13	215	3	14	KF70.9.011
300	230	16	265	4	14	KF70.9.012

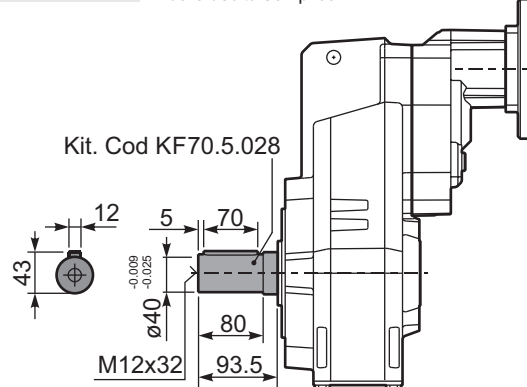
RFC73C...

Input Shaft
Albero in entrata



PFC73 A...

Single output shaft
Albero uscita semplice



PFC73D...

Shrink disk
Calettatore

