



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 	Ratios code 		
							-B	-C	-D	-E	-F	-Q	-R	-T	-U				
							63	71	80	90	100	112	71	80	90	100	112		
167	8.38	4	215	1.0	4.1	225	B						C	C			2821		01
139	10.04	3	194	1.2	3.7	240	B						C	C			2818		02
114	12.33	3	238	1.1	3.2	260	B						C	C			2813		03
92	15.16	2.2	215	1.2	2.6	260	B						C	C			1921		04
80	17.57	2.2	250	1.1	2.3	270	B						C	C			1721		05
77	18.16	2.2	258	1.1	2.4	290	B						C	C			1918		06
67	21.05	2.2	299	1.1	2.3	320	B						C	C			1718		07
63	22.30	2.2	317	1.0	2.2	320	B						C	C			1913	standard	08
57	24.70	1.5	242	1.3	2.0	320	B						C	C			1518	ø30	09
54	25.85	1.5	253	1.3	1.9	320	B						C	C			1713		10
47.5	29.49	1.5	289	1.1	1.7	320	B						C	C			1318	ø25	11
46.1	30.34	1.5	297	1.1	1.6	320	B						C	C			1513	ø35	12
41.7	33.60	1.1	240	1.0	1.1	250	B						C	C			1021	On request	13
38.7	36.21	1.1	259	1.2	1.3	320	B						C	C			1313		14
34.8	40.25	1.1	288	1.0	1.1	300	B						C	C			1018		15
28.3	49.43	1.1	354	0.9	0.99	320	B						C	C			1013		16
26.7	52.53	0.75	258	1.0	0.76	260	B						C	C			918		17
21.7	64.51	0.75	317	1.0	0.75	315	B						C	C			913		18
20.2	69.37	0.37	168	1.1	0.42	190	B						C	C			718		19
16.4	85.19	0.37	206	1.1	0.41	230	B						C	C			713		20

The dynamic efficiency is 0.96 for all ratios

- A** 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 FA42 is supplied with synthetic oil for lifetime lubrication, no maintenance is necessary. 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 FA42 viene fornito completo di olio sintetico per la lubrificazione permanente e non necessita di alcuna manutenzione. Vedi tab.1 per oli e quantità consigliati. In tab.2 sono presenti i carichi radiali e assiali applicabili al riduttore.

D Das Getriebe FA42 ist mit synthetischem Öl gefüllt und ist lebensdauergeschmiert. 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 FA42 est fourni complet avec de l'huile synthétique pour la lubrification permanente et ne nécessite aucun entretien. Voir tableau 1 concernant les huiles et les quantités conseillées. Les charges radiales et axiales applicables au réducteur sont précisées dans le tableau 2.

E El reductor tamaño FA42 se suministra, lubricado de por vida con aceite sintético y no requieren mantenimiento alguna. Ver tabla 1, para cantidades y aceites recomendados. En la tabla 2, se encuentran las cargas radiales y axiales admitidas por el reductor.

Standard supplied	For these mounting position specify in the order or add oil Per queste posizioni specificare in fase d'ordine o aggiungere olio				
H1	H4	H3	H2	H5	H6
1.15 LT	0.70 LT	0.70 LT	0.70 LT	1.20 LT	0.80 LT
SHELL Omala S4 WE 320			ENI Telium VSF 320		

For all details on lubrication and plugs check our website **tab. 1**
Per maggiori dettagli su lubrificazione e tappi olio vedi il nostro sito web

RADIAL AND AXIAL LOADS

Output shaft
Albero di uscita

$F_{eq} = FR \cdot \frac{127.5}{X+97.5}$

n ₂ [min ⁻¹]	FA	FR	n ₂ [min ⁻¹]	FA	FR	n ₂ [min ⁻¹]	FA	FR
300	300	1500	140	390	1950	70	490	2450
250	320	1600	120	410	2050	40	590	2950
200	350	1750	85	460	2300	15	800	4000

On request reinforced bearings to increase loads.
A richiesta cuscinetti rinforzati per aumentare i carichi.

Input shaft
Albero in entrata

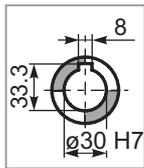
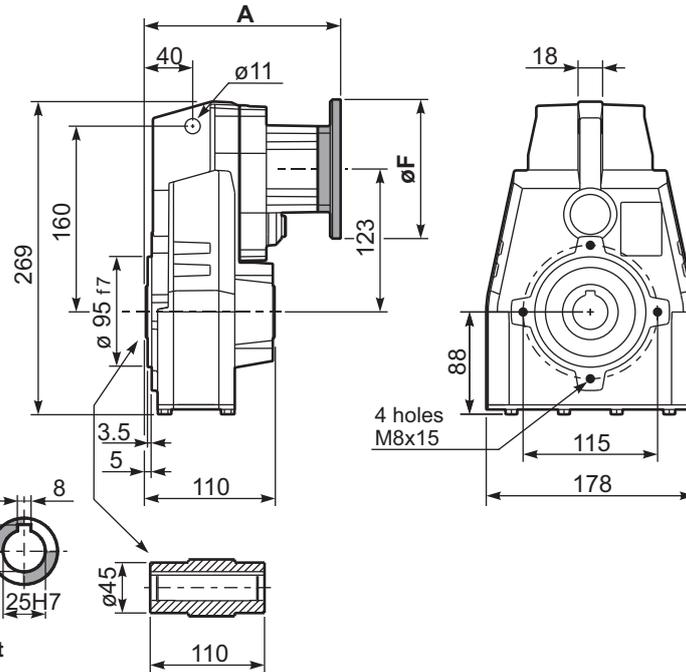
n ₁	FA	FR
1400	240	1200
900	280	1400
500	340	1700

tab. 2

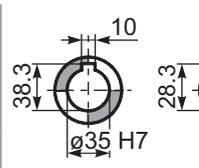
PFA42C... Basic gearbox
Riduttore base

Gearbox weight
peso riduttore **9.0 kg**

M. flanges	Kit code	øF	A
63B5	K063.4.041	140	169.5
71B5	K063.4.042	160	167.5
80/90B5	K063.4.043	200	169.5
100/112B5	KC40.4.043	250	184.5
71B14	K063.4.047	105	167.5
80B14	K063.4.046	120	169.5
90B14	K063.4.041	140	169.5
100/112B14	KC40.4.041	160	184.5



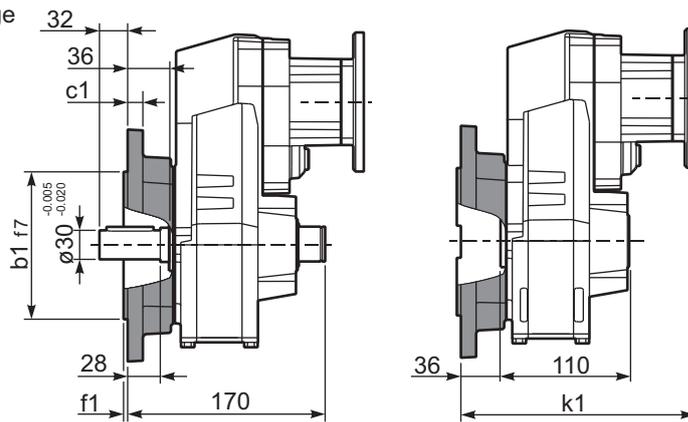
Standard
Hollow shaft



On request
A richiesta

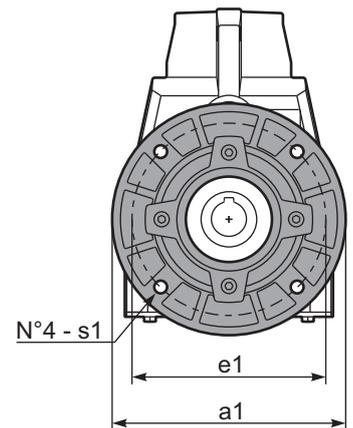
PFA42...-F... Output flange
Flangia uscita

Motor Flange	k1
63B5	205.5
71B5	203.5
80/90B5	205.5
100/112B5	220.5
71B14	203.5
80B14	205.5
90B14	205.5
100/112B14	220.5

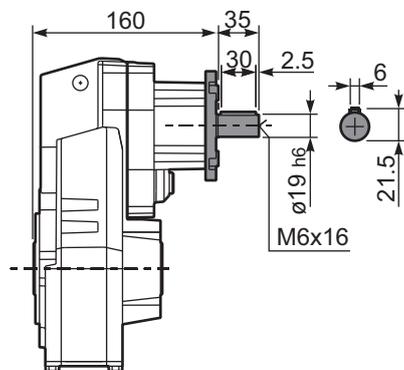


Available output flanges
Flange di uscita

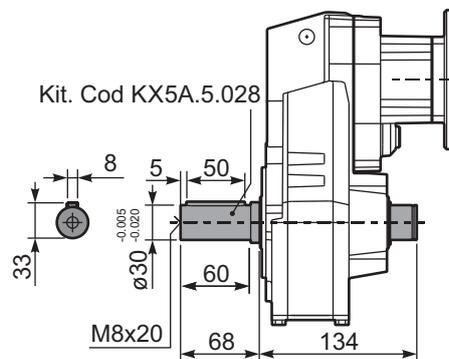
a1 ø	b1	c1	e1	f1	s1	Kit code
160	110	10	130	3	9	KX5A.9.010
200	130	13	165	3.5	11	KX5A.9.011
250	180	14	215	4	14	KX5A.9.012



RFA42C... Input Shaft
Albero in entrata



PFA42 A... Single output shaft
Albero uscita semplice



PFA42D... Shrink disk
Calettatore

Kit. Cod KF40.0.210LM

