Technical Data Sheet
Gearbox
SHAFT MOUNTED

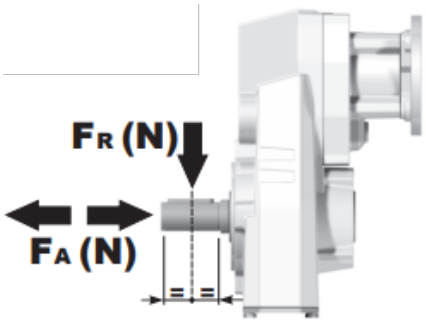
MODEL	FA52	
Ø OUTPUT SHAFT	35	mm
APPROXIMATE RATIO	8	
EXACT RATIO	7.56	
OUTPUT SPEED	183	RPM
EXACT OUTPUT SPEED	193	RPM
INPUT POWER	3.00	KW
INPUT ROTATION	1400	RPM
INPUT PAM	100B14	
OUTPUT TORQUE	148.51	N.m
NOMINAL TORQUE	290.00	N.m
NOMINAL POWER	5.9	KW
SERVICE FACTOR	1.97	
DYNAMIC EFFICIENCY	0.96	



Oil Quantity (L)

B3/H1	B6/H4	B7/H3	B8/H2	V5/H5	V6/H6
1.85	1.15	1.15	1.3	2.1	1.3

Radial and Axial Loads



n_2 [min-1]	FA [N]	FR [N]
300	400	2000
200	440	2200
120	500	2500
15	1140	5700

Universal Motors S.A.
Rua Comendador Brandão, 484
4495-375 Póvoa de Varzim
geral@universalmotors.pt
TEL.: 252 299 080

Universal Motors UK, Ltd
Unit E2, Meltham Mills Road
West Yorkshire HD9 4AR
enquiries@universalmotors-group.co.uk
TEL.: +44(0) 1484660222

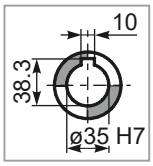
Universal Motors SL
C/La Habana n.6 nave 4 Pl Camporroso
28806 Alcala de Henares
info@universalmotors-group.es
TEL.: 918 864 213

PFA52C... Basic gearbox
Riduttore base

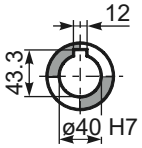
Gearbox weight peso riduttore **15.5 kg**

M. flanges	Kit code	øF	A
71B5	K023.4.041	160	227
80/90B5	K023.4.042	200	229
100/112B5	K023.4.043	250	238
132B5	KC50.4.043	300	256
80B14	K085.4.046	120	229
90B14	K085.4.045	140	229
100/112B14	K085.4.047	160	238
132B14	KC50.4.041	200	256

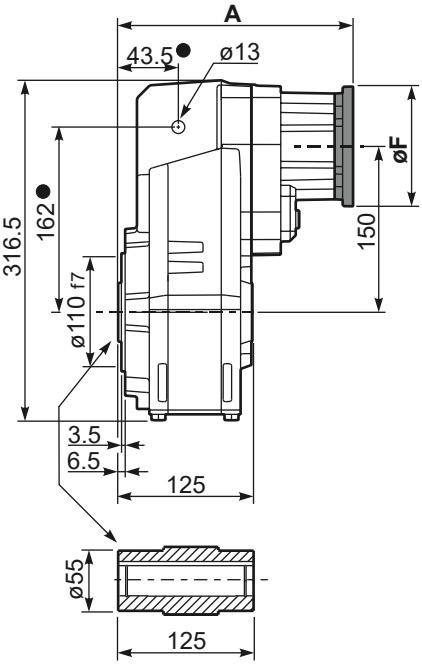
● Available torque arms, see our web site
Bracci di reazione disponibili, consulta il nostro sito web

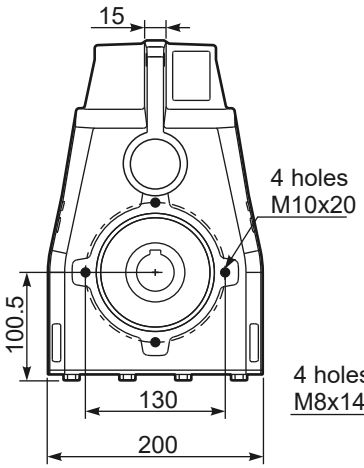


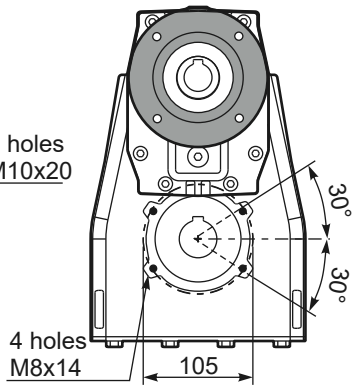
Standard
Hollow shaft



On request
A richiesta

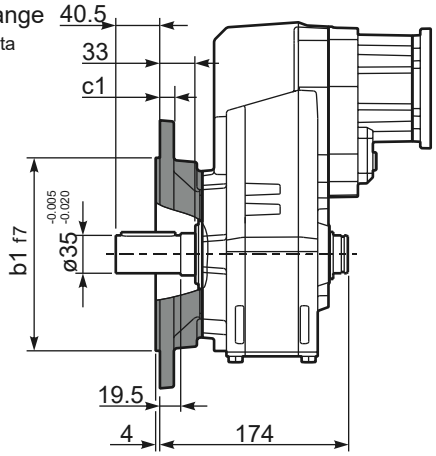


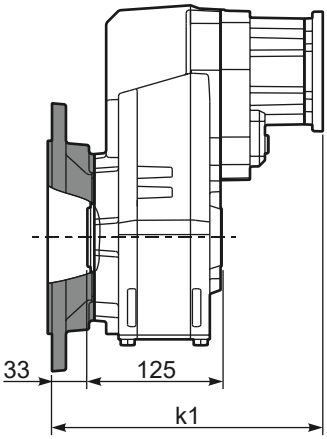


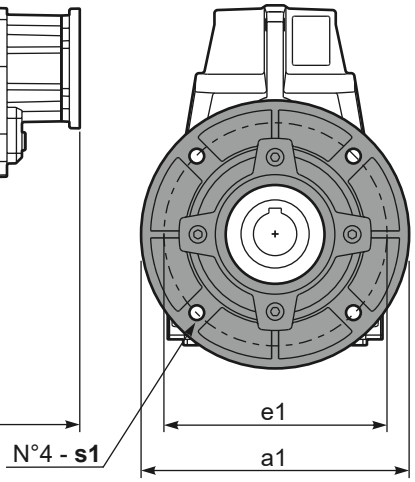


PFA52...**-F**... Output flange
Flangia uscita

M. flanges	k1
71B5	260
80/90B5	262
100/112B5	271
132B5	289
80B14	262
90B14	262
100/112B14	271
132B14	289



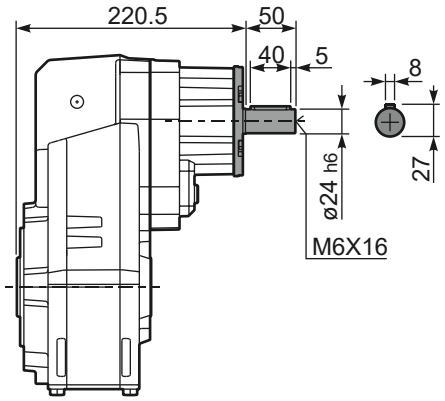




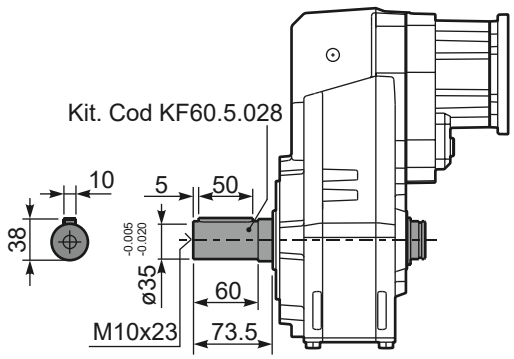
Available output flanges
Flange di uscita

a1 ø	b1	c1	e1	s1	Kit code
250	180	13	215	14	KF60.9.011
-	-	-	-	-	-

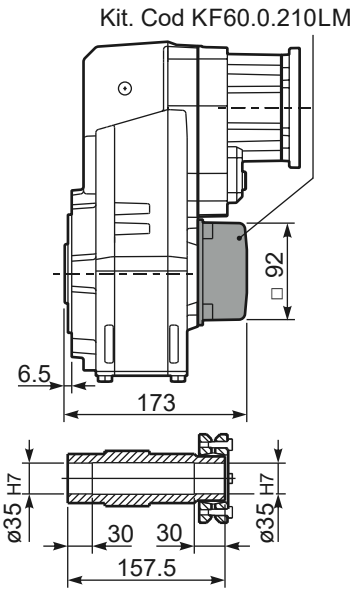
RFA52C... Input Shaft
Albero in entrata



PFA52 **A**... Single output shaft
Albero uscita semplice



PFA52**D**... Shrink disk
Calettatore



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