

Technical Data Sheet
Gearbox
HELLICAL BEVEL



MODEL	X52A
Ø OUTPUT SHAFT	30 mm
APPROXIMATE RATIO	20
EXACT RATIO	19.97
OUTPUT SPEED	73 RPM
EXACT OUTPUT SPEED	73 RPM
INPUT POWER	0.75 KW
INPUT ROTATION	1400 RPM
INPUT PAM	80B5
OUTPUT TORQUE	98.07 N.m
NOMINAL TORQUE	250.00 N.m
NOMINAL POWER	1.9 KW
SERVICE FACTOR	2.53
DYNAMIC EFFICIENCY	0.96

Oil Quantity (L)

B3/H1	B6/H4	B7/H3	B8/H2	V5/H5	V6/H6
0.9	1.5	0.75	1.4	1.95	1.15

Radial and Axial Loads



n_2 [min-1]	F_A [N]	F_R [N]
250	600	3000
100	800	4000
50	960	4800
15	1660	8300

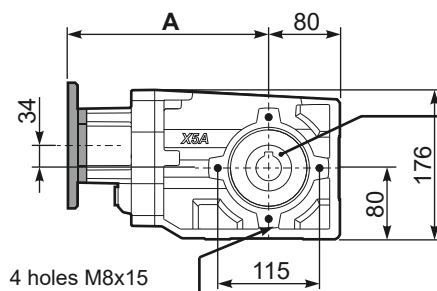
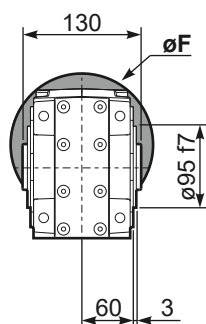
Universal Motors S.A.
Rua Comendador Brandão, 484
4495-375 Póvoa de Varzim
geral@universalmotors.pt
TEL.: 252 299 080

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

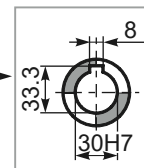
Universal Motors SL
C/La Habana n.6 nave 4 PI Camporoso
28806 Alcala de Henares
info@universalmotors-group.es
TEL.: 918 864 213

PX52AC...Basic Gearbox
Riduttore baseGearbox
weight
peso riduttore**12.80 kg**

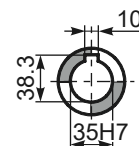
M. flanges	Kit code	øF	A
71B5	K023.4.041	160	234
80/90B5	K023.4.042	200	236
100/112B5	K023.4.043	250	245
80B14	K085.4.046	120	236
90B14	K085.4.045	140	236
100/112B14	K085.4.047	160	245



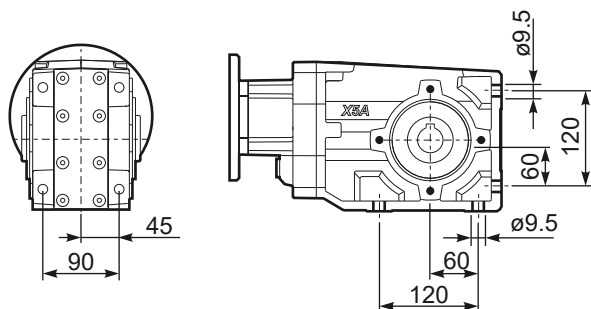
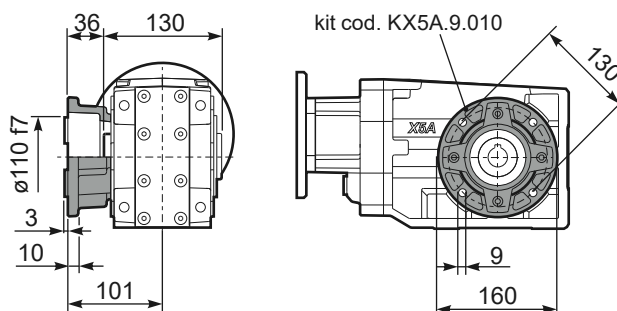
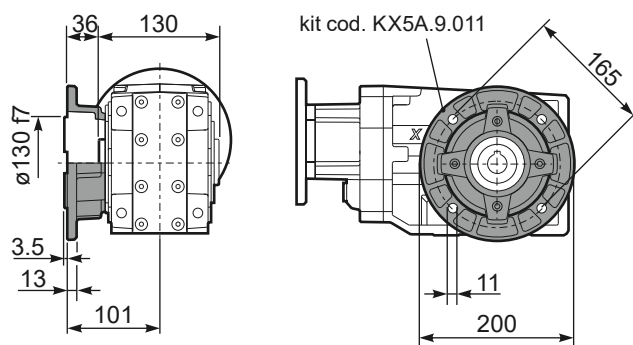
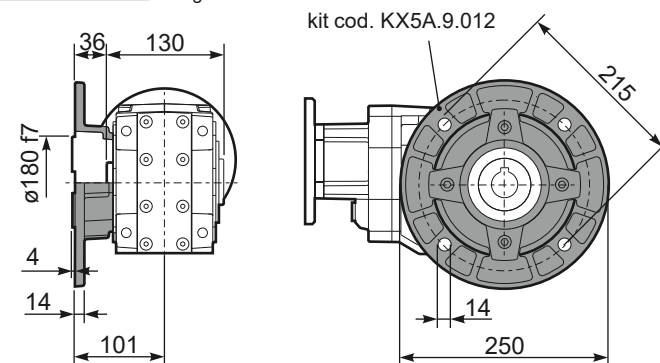
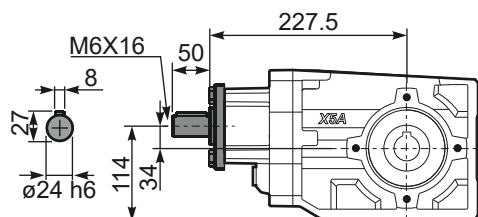
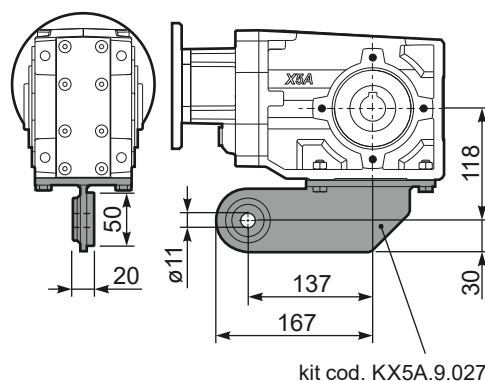
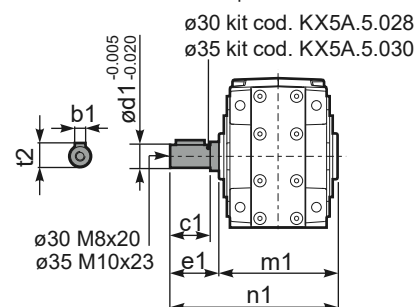
4 holes M8x15
Mounting holes position
Posizione fori di montaggio



Standard
Hollow shaft



On request
A richiesta

PX52A...FB..Feet
Piedini**PX52A...-F2..**Output flange
Flangia uscita**PX52A...-F3..**Output flange
Flangia uscita**PX52A...-F4..**Output flange
Flangia uscita**RX52A...**Input shaft
Albero in entrata**PX52A...BR..**Reaction Arm
Braccio di reazione**PX52AA..**Single output shaft
Albero semplice in uscita

	b1	c1	d1	e1	m1	n1	t2
ø30	8	60	30	68	134	202	33
ø35	10	60	35	73.5	141	214.5	38