

Technical Data Sheet
Gearbox
HELLICAL BEVEL



MODEL	X42A
Ø OUTPUT SHAFT	25 mm
APPROXIMATE RATIO	20
EXACT RATIO	20.25
OUTPUT SPEED	73 RPM
EXACT OUTPUT SPEED	72 RPM
INPUT POWER	1.10 KW
INPUT ROTATION	1400 RPM
INPUT PAM	90B14
OUTPUT TORQUE	145.86 N.m
NOMINAL TORQUE	150.00 N.m
NOMINAL POWER	1.1 KW
SERVICE FACTOR	1.00
DYNAMIC EFFICIENCY	0.96

Oil Quantity (L)

B3/H1	B6/H4	B7/H3	B8/H2	V5/H5	V6/H6
0.6	0.75	0.5	0.7	1.1	0.6

Radial and Axial Loads



n_2 [min-1]	FA [N]	FR [N]
250	500	2500
100	700	3500
50	960	4800
15	960	4800

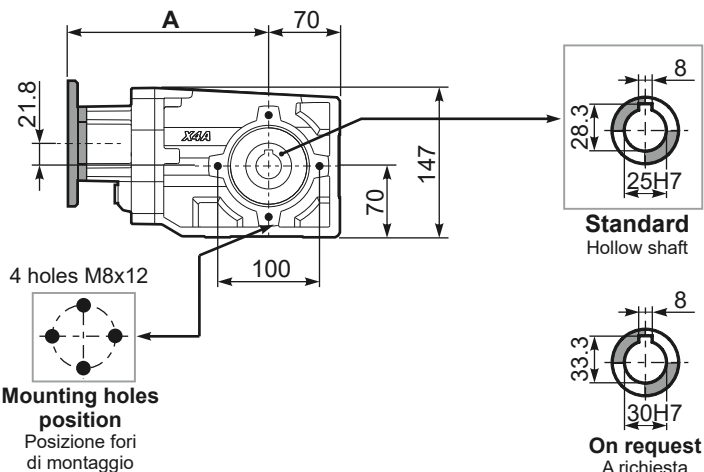
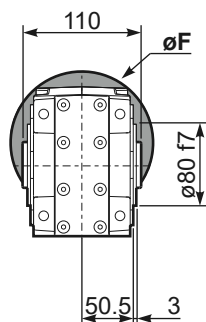
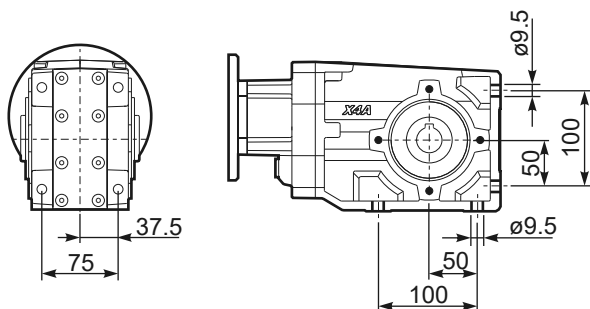
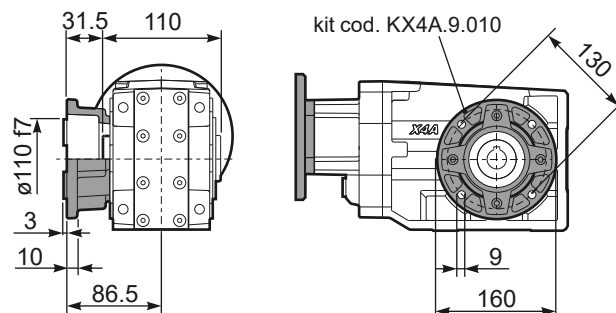
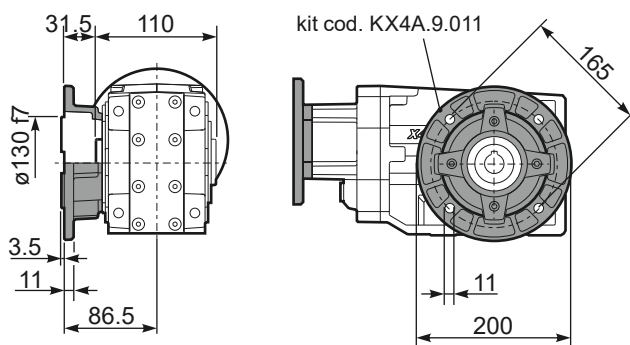
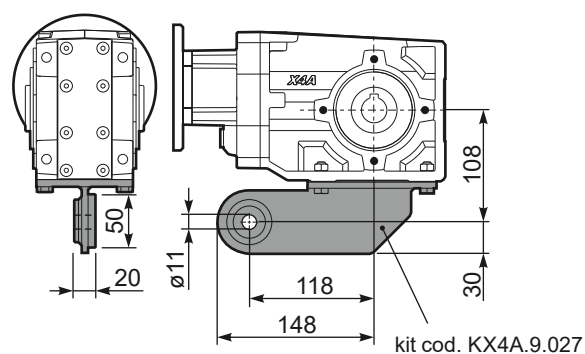
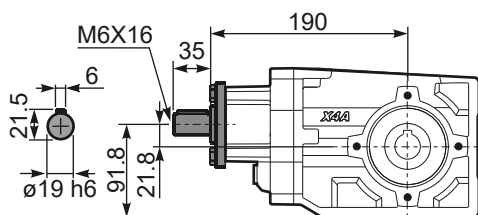
Universal Motors S.A.
Rua Comendador Brandão, 484
4495-375 Póvoa de Varzim
geral@universalmotors.pt
TEL.: 252 299 080

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

PX42AC...Basic Gearbox
Riduttore baseGearbox
weight
peso riduttore**7.82 kg**

M. flanges	Kit code	øF	A
63B5	K063.4.041	140	199.5
71B5	K063.4.042	160	197.5
80/90B5	K063.4.043	200	199.5
100/112B5	KC40.4.043	250	214.3
71B14	K063.4.047	105	197.5
80B14	K063.4.046	120	199.5
90B14	K063.4.041	140	199.5
100/112B14	KC40.4.041	160	214.5

**PX42A...FB..**Feet
Piedini**PX42A...-F2..**Output flange
Flangia uscita**PX42A...-F3..**Output flange
Flangia uscita**PX42A...BR..**Reaction Arm
Braccio di reazione**RX42A...**Input shaft
Albero in entrata**PX42AA..**Single output shaft
Albero semplice in uscita