

Technical Data Sheet
Gearbox
INLINE GEARBOX



MODEL	411A
Ø OUTPUT SHAFT	19 mm
APPROXIMATE RATIO	11
EXACT RATIO	10.86
OUTPUT SPEED	133 RPM
EXACT OUTPUT SPEED	134 RPM
INPUT POWER	0.18 KW
INPUT ROTATION	1400 RPM
INPUT PAM	63B5
OUTPUT TORQUE	12.27 N.m
NOMINAL TORQUE	28.00 N.m
NOMINAL POWER	0.39 KW
SERVICE FACTOR	2.17
DYNAMIC EFFICIENCY	0.92

Oil Quantity (L)

B3/H1	B6/H4	B7/H3	B8/H2	V5/H5	V6/H6
0.1	0.1	0.1	0.1	0.1	0.1

Radial and Axial Loads

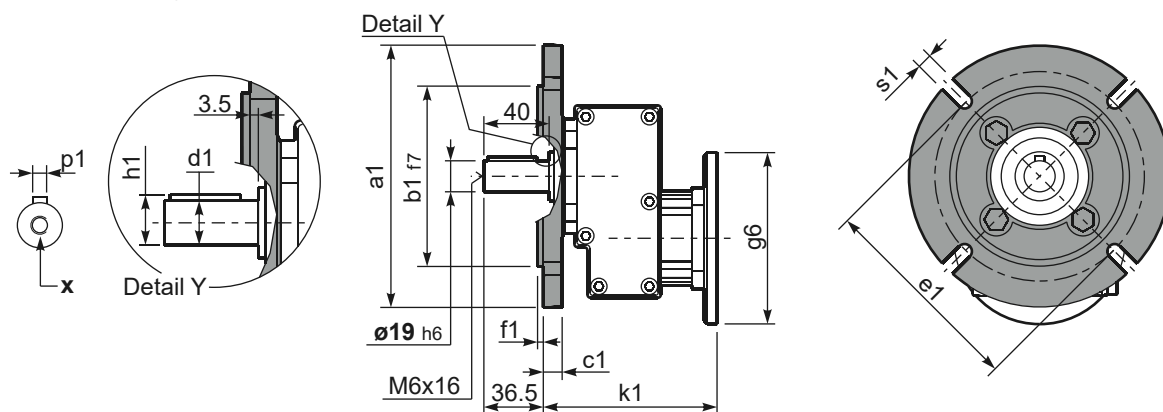


n_2 [min-1]	FA [N]	FR [N]
700	182	910
400	230	1150
200	290	1450
140	320	1600

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

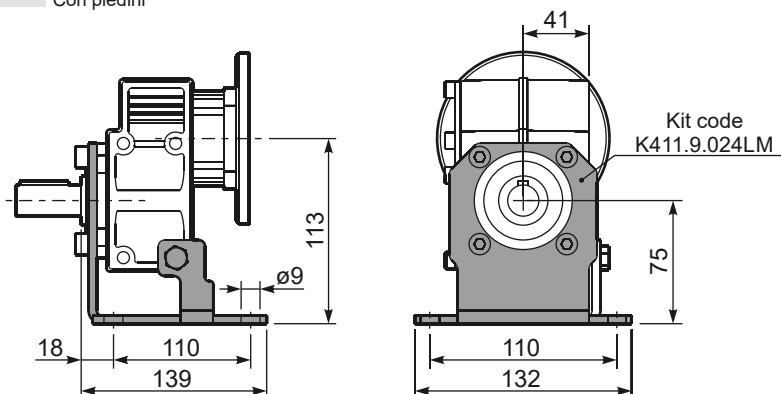
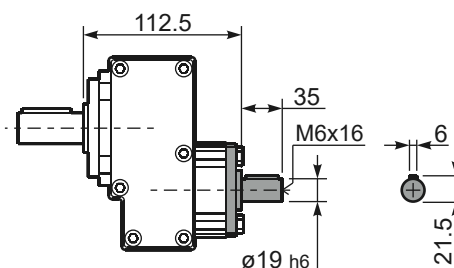
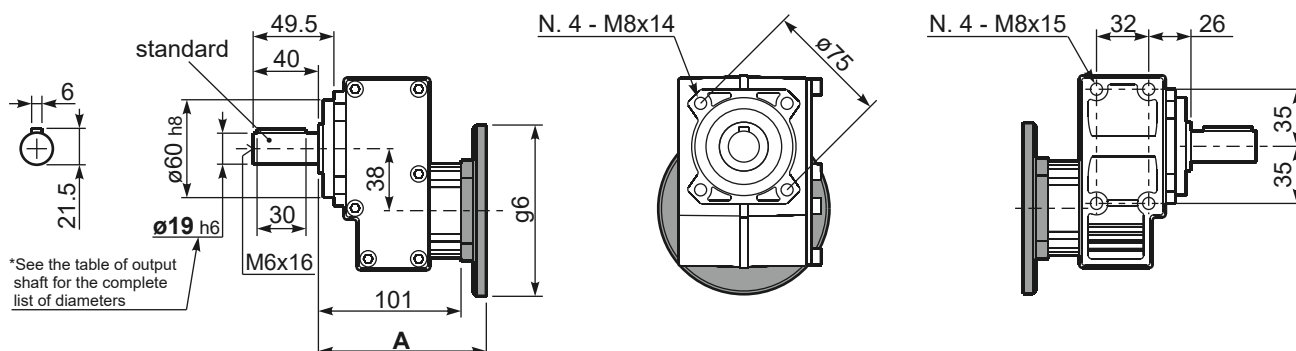
Universal Motors SL
C/La Habana n.6 nave 4 PI Camporoso
28806 Alcala de Henares
info@universalmotors-group.es
TEL.: 918 864 213

P411-F... Output flange
flange di uscitaGearbox
weight
peso riduttore **3.20 kg*****Available output shaft / Alberi di uscita**

	Shaft - d1	p1	h1	x
Standard	Ø 19x40	6	21.5	M6x16
On request A richiesta	Ø 14x30	5	16	M5x13
	Ø 24x40	8	27	M6x16

Available output flanges / flange di uscita

a1 Ø	b1	c1	e1	f1	s1	kit code
120	80	11.5	100	3	9*	KC30.9.010
140	95	11.5	115	3	9	KC30.9.011
160	110	11.5	130	3.5	9	KC30.9.012
200	130	11.5	165	3.5	11	KC30.9.013

*Holes position
posizione fori**P411-H1...** With feet
Con piedini**R411-N...** Input Shaft
Albero in entrata**P411-N...** Basic gearbox
Riduttore base

B5 Motor Flanges	A	g6	k1	kit code
63 B5	121.5	140	125	K063.4.041
71 B5	119.5	160	123	K063.4.042
80/90 B5	121.5	200	125	K063.4.043

B14 Motor Flanges	A	g6	k1	kit code
71 B14	119.5	105	123	K063.4.047
80 B14	121.5	120	125	K063.4.046
90 B14	121.5	140	125	K063.4.041