

Technical Data Sheet
Gearbox
WORM GEARBOX SQUARE DESIGN



MODEL	M13	
Ø OUTPUT SHAFT	45	mm
APPROXIMATE RATIO	60	
EXACT RATIO	60.00	
OUTPUT SPEED	24	RPM
EXACT OUTPUT SPEED	24	RPM
INPUT POWER	1.10	KW
INPUT ROTATION	1400	RPM
INPUT PAM	90B5	
OUTPUT TORQUE	328.63	N.m
NOMINAL TORQUE	928.00	N.m
NOMINAL POWER	3.1	KW
SERVICE FACTOR	2.82	
DYNAMIC EFFICIENCY	0.73	



Oil Quantity (L)

B3/H1	B6/H4	B7/H3	B8/H2	V5/H5	V6/H6
4.5	3.5	3.5	3.3	4.5	3.3

Radial and Axial Loads



n_2 [min-1]	FA [N]	FR [N]
200	960	4800
100	1240	6200
50	1560	7800
15	2400	12000

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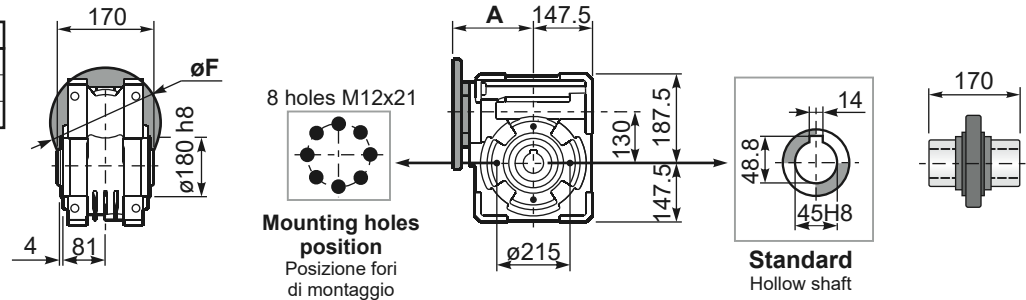
Universal Motors SL
C/La Habana n.6 nave 4 PI Camporoso
28806 Alcala de Henares
info@universalmotors-group.es
TEL.: 918 864 213

PM13FB...

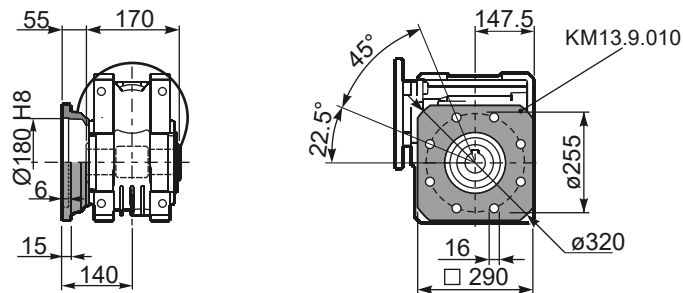
Basic wormbox
Riduttore base

Gearbox weight peso riduttore	48.0 kg
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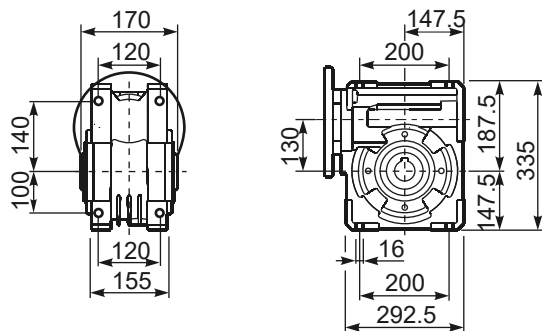
M. flanges	Kit code	øF	A
90B5	KM13.4.041	200	180
100/112B5	KM13.4.042	250	180
132B5	KM13.4.043	300	180

PM13**FC**...

Square flange
Flangia quadrata

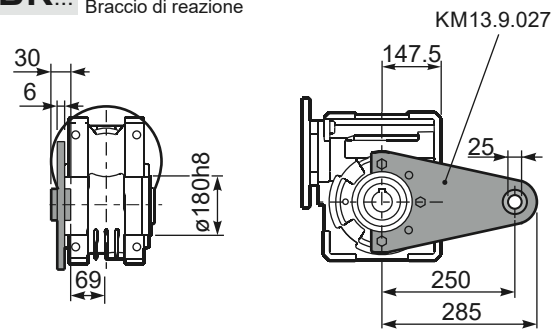


PM13FB...

Feet
Piedini

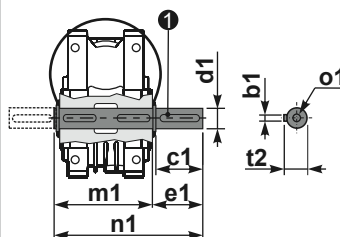
PM13BR...

Reaction arm
Braccio di reazione



PM13....S...

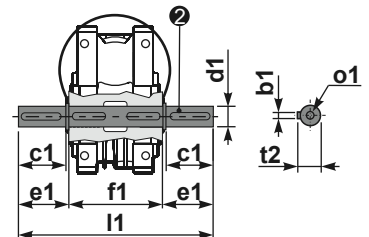
Single Shaft
Albero lento semplice



① kit cod. KM13.5.028 type B

PM13.....**D**...

Double Shaft
Albero lento bisp.



② kit cod. KM13.5.029 type B

[illegible]