

Technical Data Sheet
Gearbox
WORM GEARBOX SQUARE DESIGN



MODEL	M13	
Ø OUTPUT SHAFT	45	mm
APPROXIMATE RATIO	50	
EXACT RATIO	50.00	
OUTPUT SPEED	29	RPM
EXACT OUTPUT SPEED	29	RPM
INPUT POWER	1.50	KW
INPUT ROTATION	1400	RPM
INPUT PAM	90B5	
OUTPUT TORQUE	383.68	N.m
NOMINAL TORQUE	972.00	N.m
NOMINAL POWER	3.8	KW
SERVICE FACTOR	2.53	
DYNAMIC EFFICIENCY	0.75	



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]	F_A [N]	F_R [N]
200	960	4800
100	1240	6200
50	1560	7800
15	2400	12000

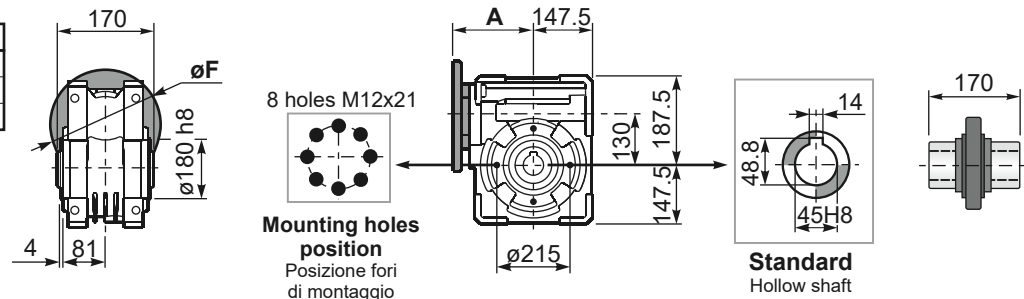
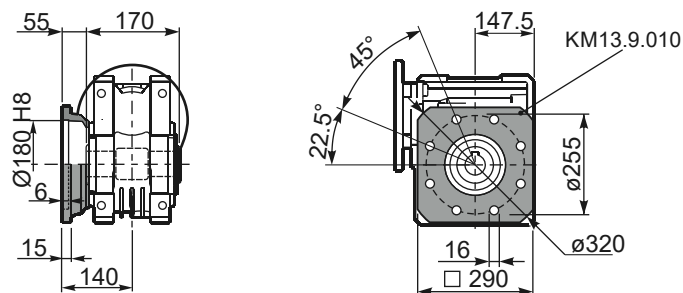
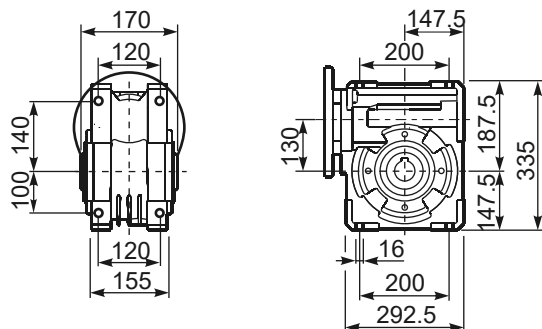
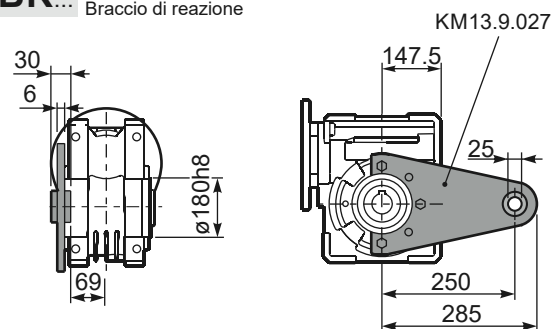
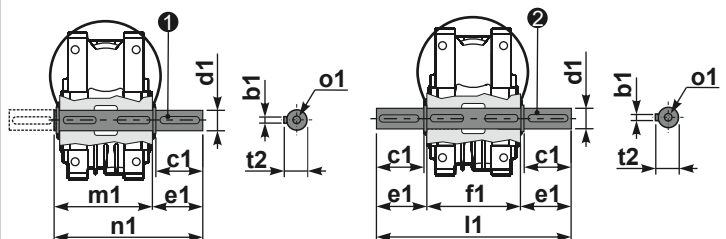
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PM13**FB**...Basic wormbox
Riduttore baseGearbox
weight
peso riduttore**48.0 kg**

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 quadrataPM13**FB**...Feet
PiediniPM13**BR**...Reaction arm
Braccio di reazionePM13.....**S**...Single Shaft
Albero lento semplicePM13.....**D**...Double Shaft
Albero lento bisp.

① kit cod. KM13.5.028 type B

② kit cod. KM13.5.029 type B

	b1	c1	d1	e1	f1	l1	m1	n1	t2	o1
type	14	80	45 ^{-0.005} _{-0.020}	85	170	340	180	265	48.5	M16
type	-	-	-	-	-	-	-	-	-	-