

Technical Data Sheet
Gearbox
WORM GEARBOX SQUARE DESIGN



MODEL	M15	
Ø OUTPUT SHAFT	50	mm
APPROXIMATE RATIO	30	
EXACT RATIO	30.00	
OUTPUT SPEED	49	RPM
EXACT OUTPUT SPEED	49	RPM
INPUT POWER	3.00	KW
INPUT ROTATION	1400	RPM
INPUT PAM	100B5	
OUTPUT TORQUE	509.52	N.m
NOMINAL TORQUE	1200.00	N.m
NOMINAL POWER	7.1	KW
SERVICE FACTOR	2.37	
DYNAMIC EFFICIENCY	0.83	



Oil Quantity (L)

B3/H1	B6/H4	B7/H3	B8/H2	V5/H5	V6/H6
7	5.4	5.4	5.1	7	5.1

Radial and Axial Loads



n_2 [min-1]	FA [N]	FR [N]
200	1300	6500
100	1640	8200
50	2120	10600
15	3300	16500

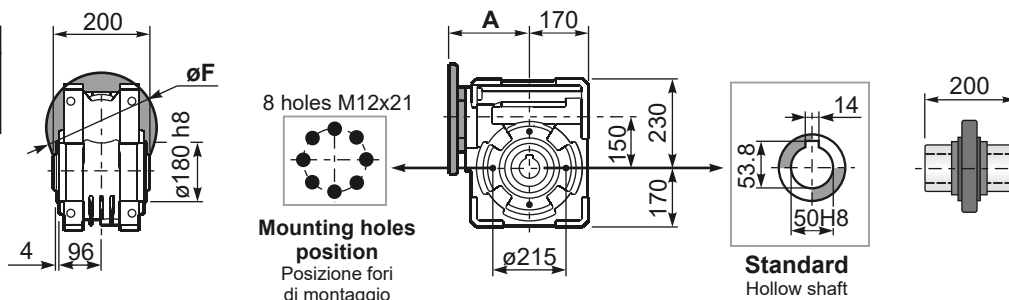
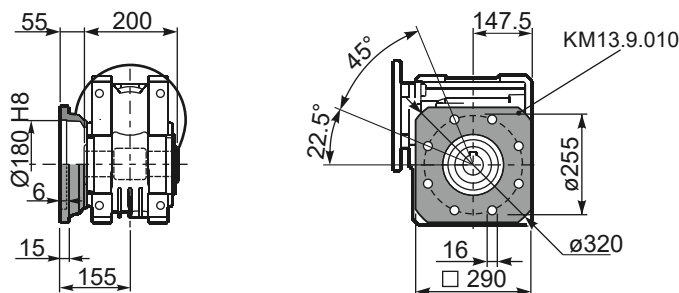
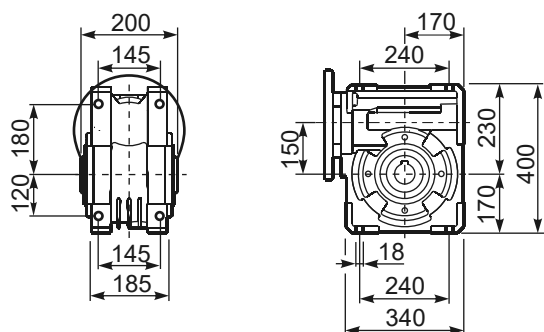
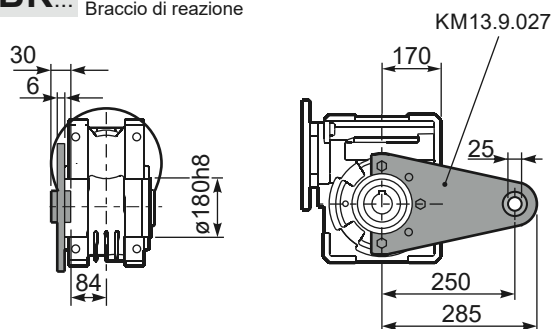
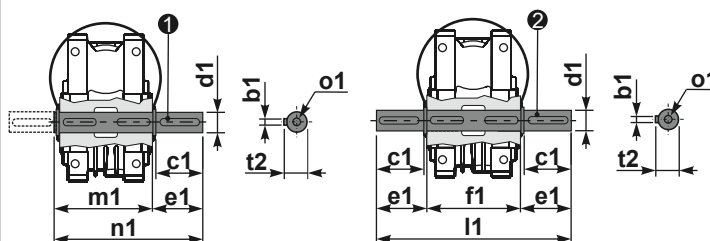
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PM15**FB**...Basic wormbox
Riduttore baseGearbox
weight
peso riduttore**84.0 kg**

M. flanges	Kit code	øF	A
100/112B5	KM15.4.042	250	210
132B5	KM15.4.043	300	210
160B5	KM15.4.044	350	210

PM15**FC**...Square flange
Flangia quadrataPM15**FB**...Feet
PiediniPM15**BR**...Reaction arm
Braccio di reazionePM15.....**S**...Single Shaft
Albero lento semplicePM15.....**D**...Double Shaft
Albero lento bisp.

① kit cod. KM15.5.028 type B

② kit cod. KM15.5.029 type B

	b1	c1	d1	e1	f1	l1	m1	n1	t2	o1
type	14	82	50 ^{-0.005} _{-0.020}	87	200	374	210	297	53.5	M16
type	-	-	-	-	-	-	-	-	-	-