

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	4.00	KW
INPUT ROTATION	1400	RPM
INPUT PAM	112B5	
OUTPUT TORQUE	679.36	N.m
NOMINAL TORQUE	1200.00	N.m
NOMINAL POWER	7.1	KW
SERVICE FACTOR	1.78	
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 base

Gearbox 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 quadrata



PM15**FB**... Feet  
Piedini



PM15**BR**... Reaction arm  
Braccio di reazione



PM15....**S**... Single Shaft  
Albero lento semplice

PM15....**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 <sup>-0.005</sup> <sub>-0.020</sub>	87	200	374	210	297	53.5	M16
type	-	-	-	-	-	-	-	-	-	-