

Technical Data Sheet
Gearbox
WORM GEARBOX ROUND DESIGN



MODEL	050	
Ø OUTPUT SHAFT	25	mm
APPROXIMATE RATIO	10	
EXACT RATIO	10.00	
OUTPUT SPEED	146	RPM
EXACT OUTPUT SPEED	146	RPM
INPUT POWER	0.55	KW
INPUT ROTATION	1400	RPM
INPUT PAM	80B5	
OUTPUT TORQUE	30.01	N.m
NOMINAL TORQUE	62.00	N.m
NOMINAL POWER	1.1	KW
SERVICE FACTOR	2.00	
DYNAMIC EFFICIENCY	0.80	



Oil Quantity (L)

B3/H1	B6/H4	B7/H3	B8/H2	V5/H5	V6/H6
0.14	0.14	0.14	0.14	0.14	0.14

Radial and Axial Loads



n_2 [min-1]	FA [N]	FR [N]
200	240	1200
100	300	1500
50	380	1900
15	560	2800

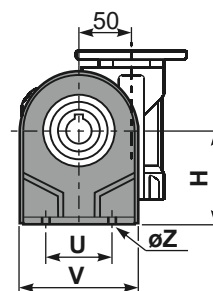
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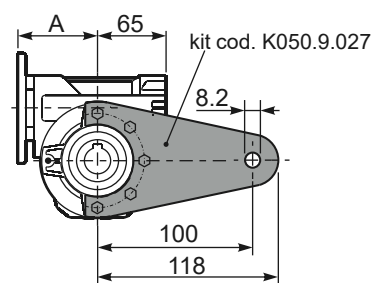
Gearbox weight peso riduttore	3.00 kg
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On request "type S"
A richiesta "tipo S"

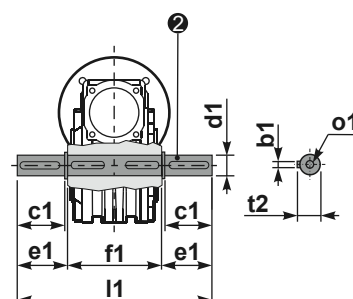
Feet
Piedini

	H	R	S	T	U	V	Y	W	øZ	kit code
type B	82	98.5	3.5	123	63	113	138.5	163	ø10.5	K050.9.022
type S	85	96	10	114	85	110	139.5	166	ø10	KS050.9.023

Reaction arm
Braccio di reazione



P050.....**D**... Double Shaft
Albero lento bisp.



① kit cod. K050.5.028 type **B**
kit cod. KS050.5.030 type **S**

	ød	e	g	l	m	x	kit code
type B	16 h6	18	5	30	74.5	M6x16	1 K050.5.006 PAM71 2 K050.5.007 PAM80
type S	14 h6	16	5	30	74.5	M5x10	1 K050.5.008 PAM71 2 K050.5.009 PAM80

	b1	c1	d1	e1	f1	l1	m1	n1	t2	o1
type B	8	52	$25_{-0.005}^{-0.020}$	59.5	81	200	86.5	146	28	M8x20
type S	8	50	$24_{-0.005}^{-0.020}$	68.8	-	-	86.5	155	27	M8x20