

Technical Data Sheet
Gearbox
WORM GEARBOX ROUND DESIGN



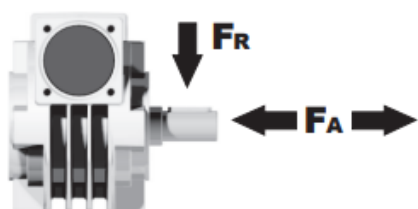
MODEL	050
Ø OUTPUT SHAFT	25 mm
APPROXIMATE RATIO	50
EXACT RATIO	50.00
OUTPUT SPEED	29 RPM
EXACT OUTPUT SPEED	29 RPM
INPUT POWER	0.25 KW
INPUT ROTATION	1400 RPM
INPUT PAM	71B14
OUTPUT TORQUE	52.86 N.m
NOMINAL TORQUE	66.00 N.m
NOMINAL POWER	0.31 KW
SERVICE FACTOR	1.24
DYNAMIC EFFICIENCY	0.62



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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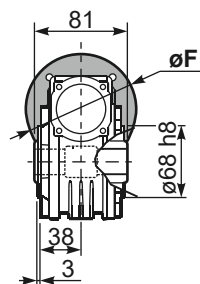
P050FB..

Basic wormbox
Riduttore base

Gearbox weight
peso riduttore

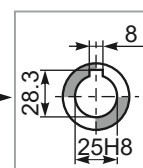
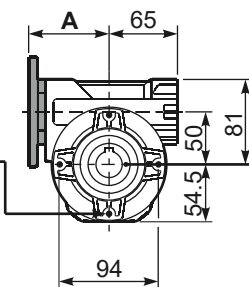
3.00 kg

M. flanges	Kit code	ØF	A
63B5	K050.4.041	138	78.5
71B5	K050.4.042	160	76
80B5	K050.4.043	200	76.5
56B14	KC40.4.049	80	76
63B14	K050.4.047	90	78.5
71B14	K050.4.045	105	76
80B14	K050.4.046	120	76.5

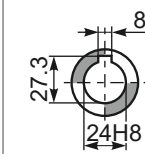


4 holes M6x9

**Mounting holes
position**
Posizione fori
di montaggio

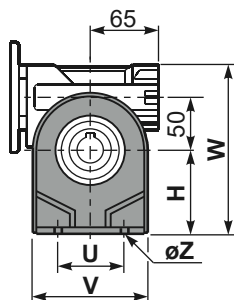
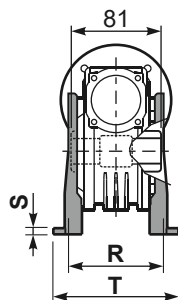


Standard Hollow shaft

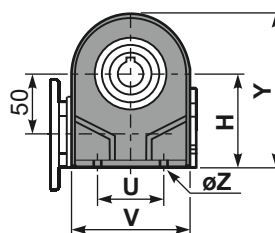
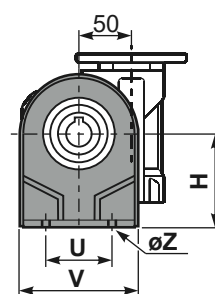


On request "type S"
A richiesta "tipo S"

P050PA...

Feet
Piedini

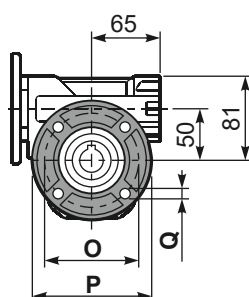
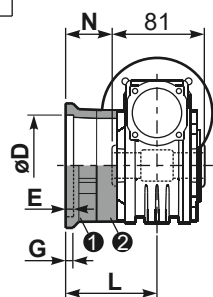
P050**PB..**

Feet
PiediniP050**PV..**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

P050**FC**..

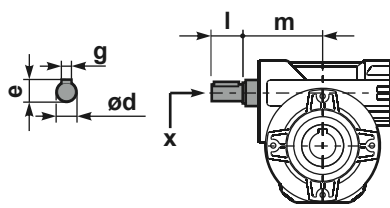
Output flange
Flangia uscita



type B	øD	E	G	L	N	O	P	Q	kit code
FC	70 ^{+0.20} _{+0.15}	9	12	85	44.5	90	123	10.5	① K050.9.010 ② -
FL	70 ^{+0.20} _{+0.15}	9	12	114.5	74	90	123	10.5	① K050.9.010 ② K050.0.200
type S	øD	E	G	L	N	O	P	Q	kit code
F1	110 ^{+0.20} _{+0.15}	4	11	83.5	43	130	160	10	① KS050.9.012 ② -
F2	70 ^{+0.20} _{+0.15}	9	12	76.5	36	90	123	10.5	① KS050.9.014 ② -
F3	95 ^{+0.035} ₀	4	10	66.5	26	115	140	10	① KS050.9.013 ② -

R050FB...

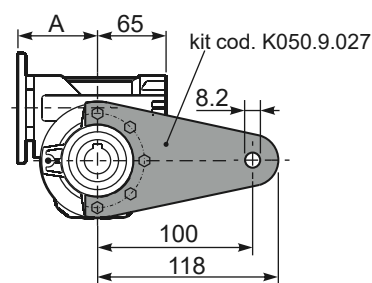
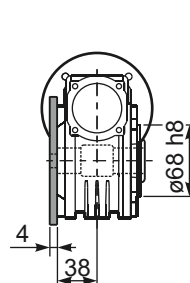
Input shaft
Albero in entrata



	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

P050BR..

Reaction arm
Braccio di reazione

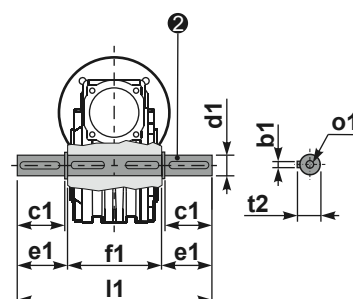
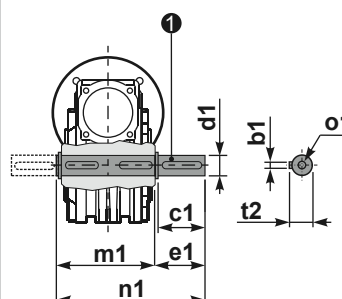


P050....S..

Single Shaft
Albero lento semplice

P050.....**D**..

Double Shaft
Albero lento bisp.



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

② kit cod. K050.5.029 type **B**

	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