

Ficha Técnica  
 Reductor de velocidad  
 SIN-FIN CORONA REDONDO



MODELO	050	
Ø EJE DE SALIDA	25	mm
RELACIÓN APROXIMADA	100	
RELACIÓN EXACTA	100.00	
VELOCIDAD DE SALIDA	15	RPM
VELOCIDAD DE SALIDA EXACTA	15	RPM
POTENCIA DE ENTRADA	0.12	KW
ROTACIÓN DE ENTRADA	1400	RPM
PAM DE ENTRADA	63B5	
PAR DE SALIDA	40.93	N.m
PAR NOMINAL	51.00	N.m
POTENCIA NOMINAL	0.15	KW
FACTOR DE SERVICIO	1.25	
EFICIENCIA DINÁMICA	0.50	



Cantidad de Aceite (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

Cargas Radiales y Axiales



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

Universal Motors S.A.  
 Rua Comendador Brandão, 484  
 4495-375 Póvoa de Varzim  
[geral@universalmotors.pt](mailto:geral@universalmotors.pt)  
 TEL.: 252 299 080

Universal Motors UK, Ltd  
 Unit E2, Meltham Mills Road  
 West Yorkshire HD9 4AR  
[enquiries@universalmotors-group.co.uk](mailto:enquiries@universalmotors-group.co.uk)  
 TEL.: +44(0) 1484660222

Universal Motors SL  
 C/La Habana n.6 nave 4 PI Camporroso  
 28806 Alcala de Henares  
[info@universalmotors-group.es](mailto:info@universalmotors-group.es)  
 TEL.: 918 864 213

**P050FB...** Basic wormbox  
Riduttore base

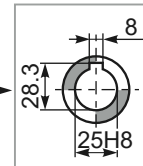
Gearbox weight  
peso riduttore **3.00 kg**

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

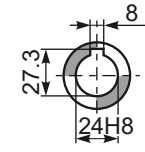


4 holes M6x9

Mounting holes position  
Posizione fori di montaggio

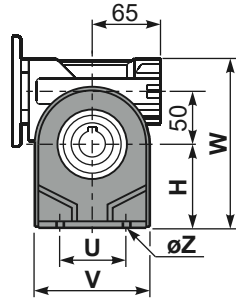
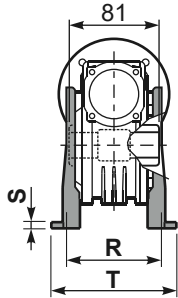


Standard  
Hollow shaft

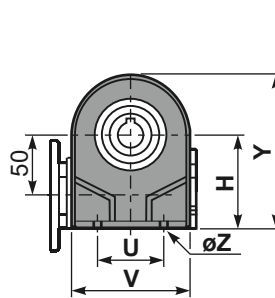


On request "type S"  
A richiesta "tipo S"

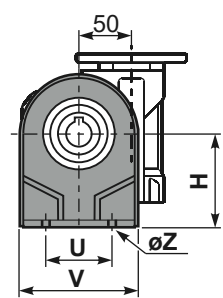
**P050PA...** Feet  
Piedini



**P050PB...** Feet  
Piedini

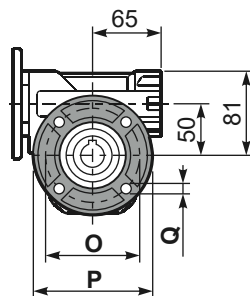
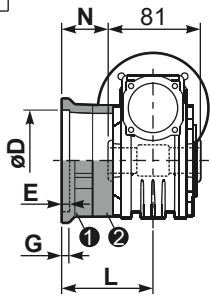


**P050PV...** Feet  
Piedini



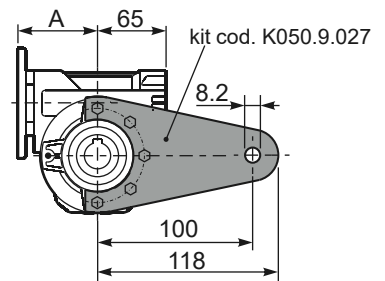
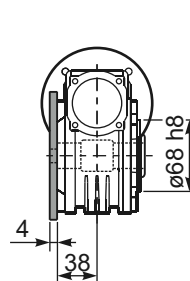
	H	R	S	T	U	V	Y	W	øZ	kit code
type B	82	98.5	3.5	123	63	113	138.5	163	ø10.5	K050.9.022
type S	85	96	10	114	85	110	139.5	166	ø10	KS050.9.023

**P050FC...** Output flange  
Flangia uscita



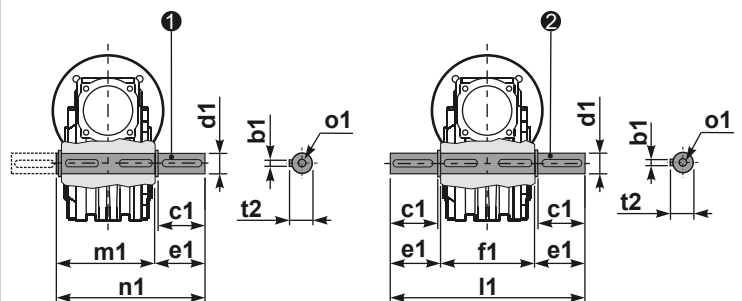
type B	øD	E	G	L	N	O	P	Q	kit code
<b>FC</b>	70 <sup>+0.20</sup> / <sub>+0.15</sub>	9	12	85	44.5	90	123	10.5	1 K050.9.010 2 -
<b>FL</b>	70 <sup>+0.20</sup> / <sub>+0.15</sub>	9	12	114.5	74	90	123	10.5	1 K050.9.010 2 K050.0.200
type S	øD	E	G	L	N	O	P	Q	kit code
<b>F1</b>	110 <sup>+0.20</sup> / <sub>+0.15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

**P050BR...** Reaction arm  
Braccio di reazione



**P050.....S...** Single Shaft  
Albero lento semplice

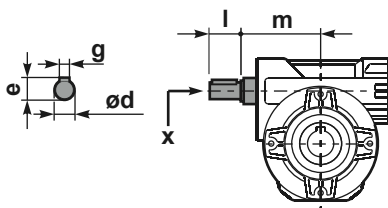
**P050.....D...** Double Shaft  
Albero lento bisp.



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

2 kit cod. K050.5.029 type B

**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 KS050.5.008 PAM71 2 KS050.5.009 PAM80

	b1	c1	d1	e1	f1	l1	m1	n1	t2	o1
type B	8	52	25 <sup>-0.005</sup> / <sub>-0.020</sub>	59.5	81	200	86.5	146	28	M8x20
type S	8	50	24 <sup>-0.005</sup> / <sub>-0.020</sub>	68.8	-	-	86.5	155	27	M8x20