

Ficha Técnica
Reductor de velocidad
SIN-FIN CORONA CUADRADO



MODELO	M50	
Ø EJE DE SALIDA	25	mm
RELACIÓN APROXIMADA	10	
RELACIÓN EXACTA	10.00	
VELOCIDAD DE SALIDA	146	RPM
VELOCIDAD DE SALIDA EXACTA	146	RPM
POTENCIA DE ENTRADA	0.55	KW
ROTACIÓN DE ENTRADA	1400	RPM
PAM DE ENTRADA	80B14	
PAR DE SALIDA	30.01	N.m
PAR NOMINAL	62.00	N.m
POTENCIA NOMINAL	1.1	KW
FACTOR DE SERVICIO	2.00	
EFICIENCIA DINÁMICA	0.80	



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
TEL.: 252 299 080

Universal Motors UK, Ltd
Unit E2, Meltham Mills Road
West Yorkshire HD9 4AR
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TEL.: +44(0) 1484660222

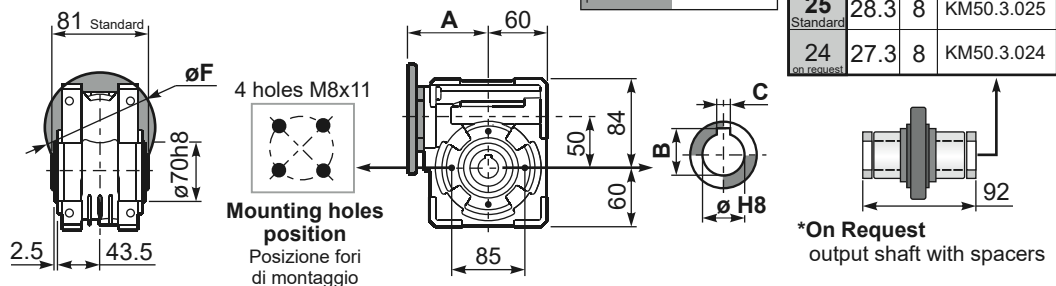
Universal Motors SL
C/La Habana n.6 nave 4 PI Camporoso
28806 Alcala de Henares
info@universalmotors-group.es
TEL.: 918 864 213

PM50FB...

Basic wormbox
Riduttore baseGearbox
weight
peso riduttore

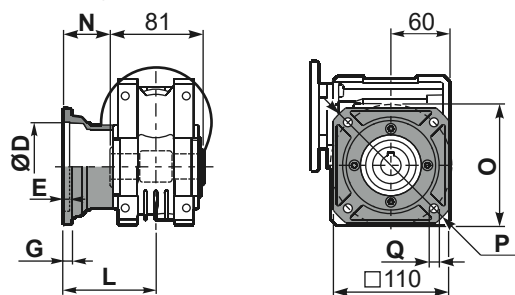
3.25 kg

M. flanges	Kit code	øF	A
63B5	K050.4.041	138	83.5
71B5	K050.4.042	160	81
80B5	K050.4.043	200	81.5
56B14	KC40.4.049	80	81
63B14	K050.4.047	90	83.5
71B14	K050.4.045	105	81
80B14	K050.4.046	120	81.5



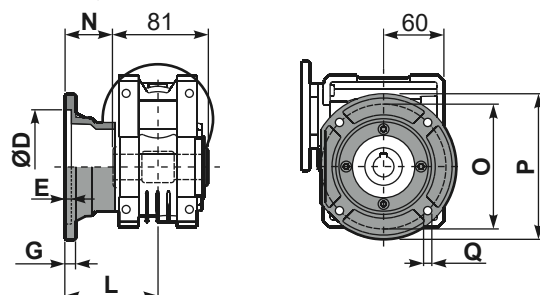
ø H8	B	C	*Spacer code
25 Standard	28.3	8	KM50.3.025
24 on request	27.3	8	KM50.3.024

PM50FC...

Square flange
Flangia quadrata

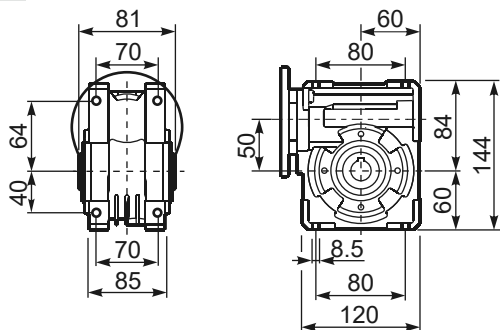
type B	øD	E	G	L	N	O	P	Q	kit code
FC	70 H8	5	9	90	49.5	85	125	11	KM50.9.010
FL	70 H8	5	9	120	79.5	85	125	11	KM50.9.011

PM50F1...

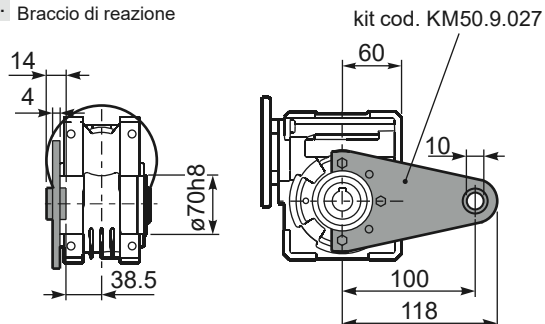
Round flange
Flangia rotonda

type S	øD	E	G	L	N	O	P	Q	kit code
F1	110 H8	5	10	89	48.5	130	160	9.5	KM50.9.012
F2	95 H8	5	14.5	72	31.5	115	140	11	KM50.9.013

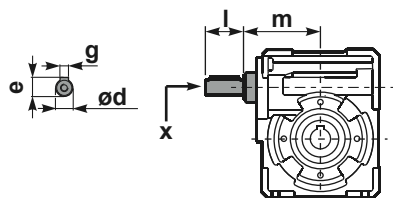
PM50FB...

Feet
Piedini

PM50BR...

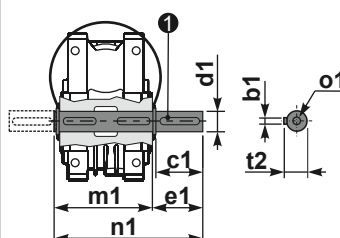
Reaction arm
Braccio di reazione

RM50FB...

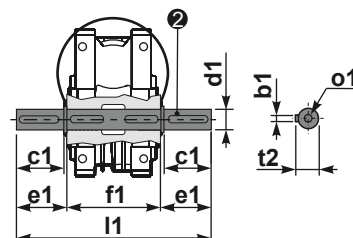
Input shaft
Albero in entrata

	ød	e	g	l	m	x	kit code
type B	16 h6	18	5	30	79.5	M6x16	① K050.5.006 PAM71 ② K050.5.007 PAM80
type S	14 h6	16	5	30	79.5	M5x10	① KS050.5.008 PAM71 ② KS050.5.009 PAM80

PM50.....S...

Single Shaft
Albero lento semplice

PM50.....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