

Ficha Técnica
 Reductor de velocidad
 SIN-FIN CORONA REDONDO



MODELO	085	
Ø EJE DE SALIDA	35	mm
RELACIÓN APROXIMADA	15	
RELACIÓN EXACTA	14.00	
VELOCIDAD DE SALIDA	97	RPM
VELOCIDAD DE SALIDA EXACTA	104	RPM
POTENCIA DE ENTRADA	2.20	KW
ROTACIÓN DE ENTRADA	1400	RPM
PAM DE ENTRADA	100B14	
PAR DE SALIDA	163.87	N.m
PAR NOMINAL	305.00	N.m
POTENCIA NOMINAL	4.1	KW
FACTOR DE SERVICIO	1.86	
EFICIENCIA DINÁMICA	0.78	



Cantidad de Aceite (L)

B3/H1	B6/H4	B7/H3	B8/H2	V5/H5	V6/H6
1.2	1.2	1.2	1.2	1.2	1.2

Cargas Radiales y Axiales



n_2 [min-1]	FA [N]	FR [N]
200	500	2500
100	600	3000
50	800	4000
15	1160	5800

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
enquiries@universalmotors-group.co.uk
 TEL.: +44(0) 1484660222

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

P085FB... Basic wormbox
Riduttore base

Gearbox weight
peso riduttore **11.00 kg**

M. flanges	Kit code	øF	A
71B5	K023.4.041	160	116.5
80/90B5	K023.4.042	200	118.5
100/112B5	K023.4.043	250	127.5
80B14	K085.4.046	120	118.5
90B14	K085.4.045	140	118.5
100/112B14	K085.4.047	160	127.5



P085PA... Feet
Piedini

P085PB... Feet
Piedini

P085PV... Feet
Piedini



	H	R	S	T	U	V	Y	W	øZ	kit code
type B	142	145	5	182	140	180	236.5	280	ø10.5	K085.9.022
type S	-	-	-	-	-	-	-	-	-	-

P085FC... Output flange
Flangia uscita

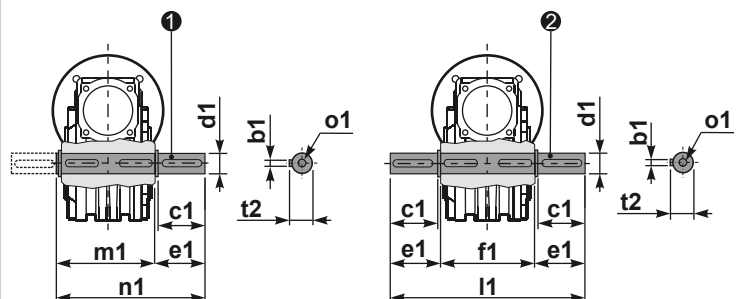
P085BR... Reaction arm
Braccio di reazione



type B	øD	E	G	L	N	O	P	Q	kit code
FC	152 ^{+0.06} / _{+0.00}	5	16	108	40.5	176	205	13	① K085.9.010 ② -
FL	152 ^{+0.06} / _{+0.00}	5	16	148.5	81	176	205	13	① K085.9.010 ② K085.0.201
type S	øD	E	G	L	N	O	P	Q	kit code
F1	130 H7	5	13	117.5	50	165	200	11.5	① KS085.9.012 ② -
F2	152 ^{+0.06} / _{+0.00}	5	15	147.5	80	180	205	12.5	① KS085.9.013 ② -
F4	130 H7	5	13	106.5	39	165	200	13	① KS085.9.015 ② -

P085.....S... Single Shaft
Albero lento semplice

P085.....D... Double Shaft
Albero lento bisp.



① kit cod. K085.5.028 type B ② kit cod. K085.5.029 type B

R085FB... Input shaft
Albero in entrata



	ød	e	g	l	m	x	kit code
type B	25 h6	28	8	50	112	M8x20	① K085.5.007 PAM90 ② K085.5.008 PAM100
type S	24 h6	27	8	50	112	M8x20	① KS085.5.009 PAM90 ② KS085.5.011 PAM100

	b1	c1	d1	e1	f1	l1	m1	n1	t2	o1
type B	10	60	35 ^{-0.005} / _{-0.020}	73.5	135	282	141	214.5	38	M10x23
type S	-	-	-	-	-	-	-	-	-	-