

Ficha Técnica  
Redutor de Velocidade  
PARAFUSO SEM FIM QUADRADO



MODELO	M50	
Ø VEIO SAÍDA	25	mm
RÁCIO APROXIMADO	60	
RÁCIO EXATO	60.00	
VELOCIDADE SAÍDA	24	RPM
VELOCIDADE SAÍDA EXATA	24	RPM
POTÊNCIA ENTRADA	0.18	KW
ROTAÇÃO ENTRADA	1400	RPM
PAM ENTRADA	63B5	
TORQUE SAÍDA	42.73	N.m
TORQUE NOMINAL	62.00	N.m
POTÊNCIA NOMINAL	0.26	KW
FATOR SERVIÇO	1.44	
EFICIÊNCIA DINÂMICA	0.58	



QUANTIDADE DE ÓLEO (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 RADIAIS E AXIAIS



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

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PM50**FB**... Basic wormbox  
Riduttore base

Gearbox weight  
peso riduttore **3.25 kg**

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

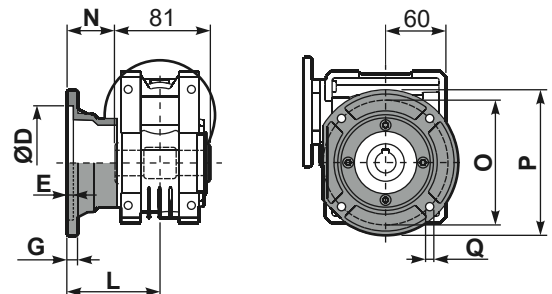
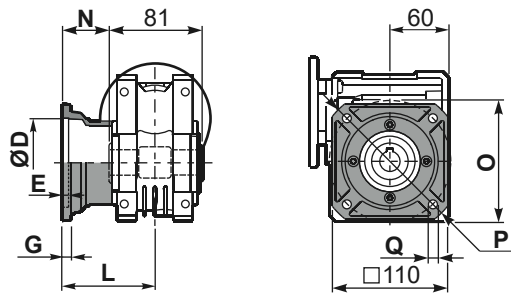
M. flanges	Kit code	øF	A
63B5	K050.4.041	138	83.5
71B5	K050.4.042	160	81
80B5	K050.4.043	200	81.5
56B14	KC40.4.049	80	81
63B14	K050.4.047	90	83.5
71B14	K050.4.045	105	81
80B14	K050.4.046	120	81.5



\*On Request  
output shaft with spacers

PM50**FC**... Square flange  
Flangia quadrata

PM50**F1**... Round flange  
Flangia rotonda



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

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

PM50**FB**... Feet  
Piedini



PM50**BR**... Reaction arm  
Braccio di reazione

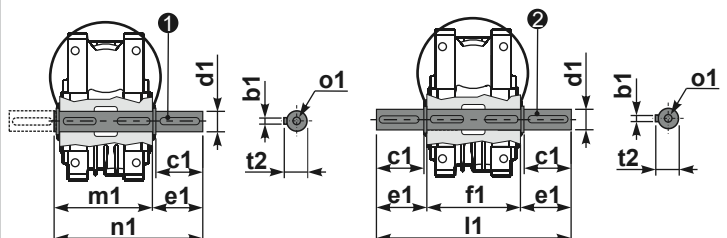


R**M50FB**... Input shaft  
Albero in entrata



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

	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

	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