

PM50FB03C0BDB3-4

Configuration

Type:	P
Size:	M50
Input:	70/90-M6
Output shaft/bore:	ø25
Mounting:	FB (Standard)
Mounting position:	B3
Input bore:	ø19
Coupling:	-

Distributor data

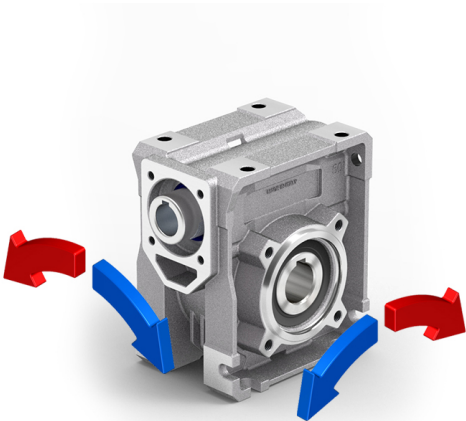
Customer: _____

Lead time: _____

Technical data

Input rpm (n_1):	B min⁻¹
Output rpm (n_2):	n.a. min⁻¹
Ratio (i):	14
Nominal power (P_{1R}):	n.a.
Nominal torque (M_{2R}):	n.a.
Dynamic efficiency (RD):	n.a.

Direction of rotation



Selection

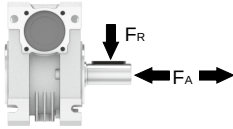
Motor power (P_{1M}):	n.a.
Output torque (M_{2M}):	n.a.
Service factor (f.s.):	n.a.

Lubrication

Oil quantity:	0.14l
ENI:	Telium VSF 320
SHELL:	Omala S4 WE 320

Axial and radial loads

Output shaft



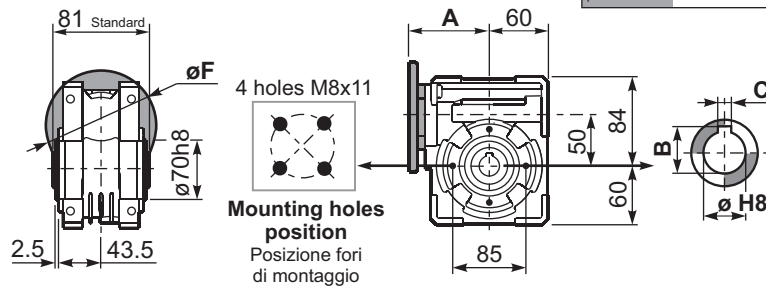
n_2 (min ⁻¹)	FA (N)	FR (N)
200	240	1200
150	280	1400
100	300	1500
75	340	1700
50	380	1900
25	480	2500
15	560	2800

On our website

Features	Calc. the overhung load
How to order	Irreversibility
Datasheet	Thermal limit
Accessories/options	Installation check list
Electric motors	Spare parts list
Selection guide - fs	Complete catalogue
Cross reference	Selection by power (xls)
Mounting pos. - lubricant	Atex certification

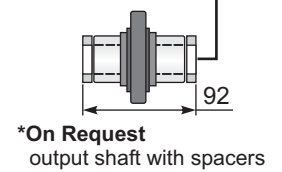
PM50FB... Basic wormbox
Riduttore base

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

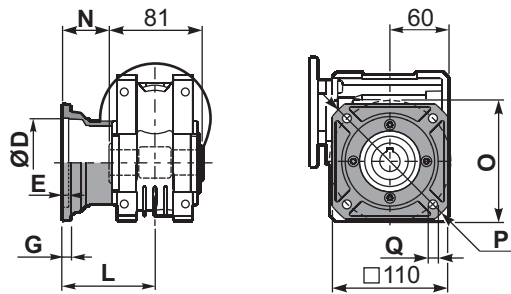


Gearbox weight
peso riduttore **3.25 kg**

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

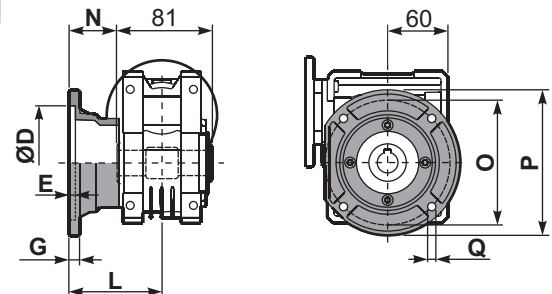


PM50FC... Square flange
Flangia quadrata



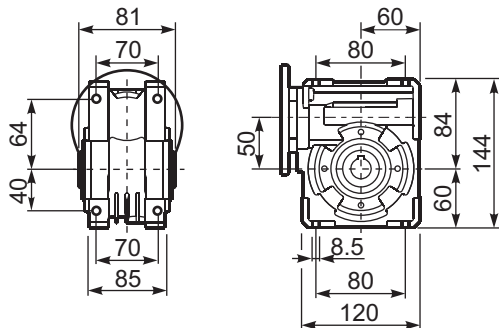
type B	øD	E	G	L	N	O	P	Q	kit code
FC	70 H8	5	9	90	49.5	85	125	11	KM50.9.010
FL	70 H8	5	9	120	79.5	85	125	11	KM50.9.011

PM50F1... Round flange
Flangia rotonda

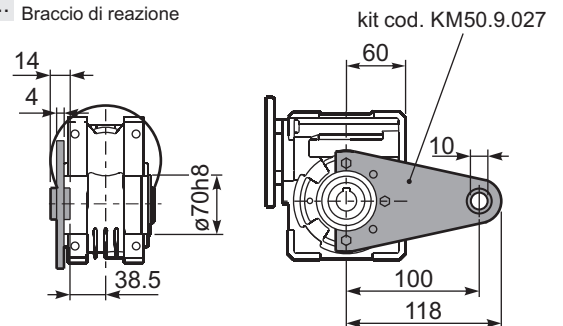


type S	øD	E	G	L	N	O	P	Q	kit code
F1	110 H8	5	10	89	48.5	130	160	9.5	KM50.9.012
F2	95 H8	5	14.5	72	31.5	115	140	11	KM50.9.013

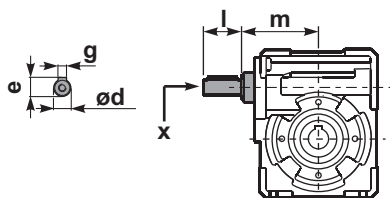
PM50FB... Feet
Piedini



PM50BR... Reaction arm
Braccio di reazione

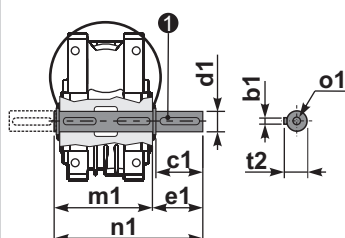


RM50FB... Input shaft
Albero in entrata

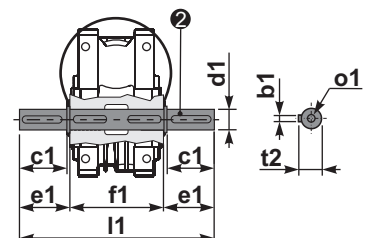


	ød	e	g	l	m	x	kit code
type B	16 h6	18	5	30	79.5	M6x16	① K050.5.006 PAM71 ② K050.5.007 PAM80
type S	14 h6	16	5	30	79.5	M5x10	① KS050.5.008 PAM71 ② KS050.5.009 PAM80

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