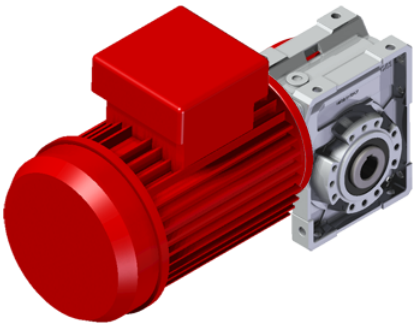
MQ50FL04C0-QB3C

Price

Lead time

Configuration

Type:	**M**
Size:	**Q50**
Input:	**71 B14 ø105**
Output shaft/bore:	**Standard ø25**
Mounting:	**FL**
Mounting position:	**B3**
Input bore:	**-**
Coupling:	**-**
Terminal box position:	**B**



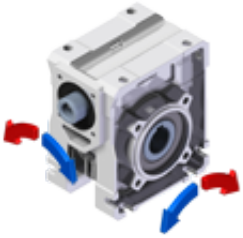
Technical data

Input rpm (n_1):	**1400 min^{-1}**
Output rpm (n_2):	**77.78 min^{-1}**
Ratio (i):	**18.00 (04)**
Nominal power (P_{1R}):	**0.67 kW**
Nominal torque (M_{2R}):	**62 Nm**
Dynamic efficiency (RD):	**75%**

Selection

Motor power (P_{1M}):	**0.37 kW**
Output torque (M_{2M}):	**34 Nm**
Service factor (f.s.):	**1.8**

Direction of rotation



Lubrication

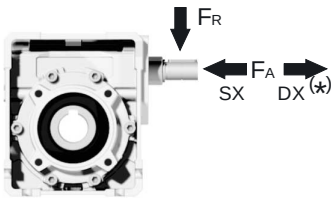
Oil quantity:	**0.14l**
AGIP:	**Telium VSF 320**
SHELL:	**Omala S4 WE 320**

On our website

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

Axial and radial loads

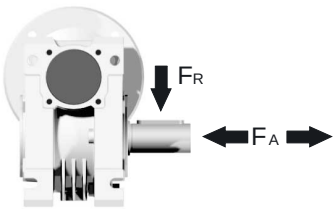
Input shaft



n_2 (min^{-1})	FA (N)	FR (N)
1400	76	380

*Strong axial loads in the DX direction are not allowed

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

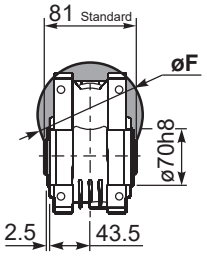
Note

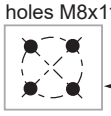
3D dimensions on the Web

Square - Gear
72Nm Q50

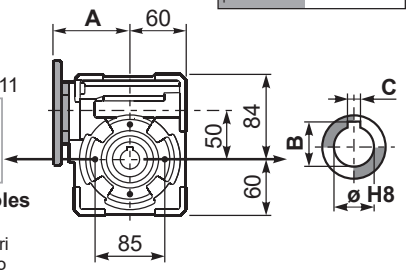
PQ50**FB**... Basic wormbox
Riduttore base

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



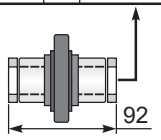

4 holes M8x11

Mounting holes position
Posizione fori di montaggio



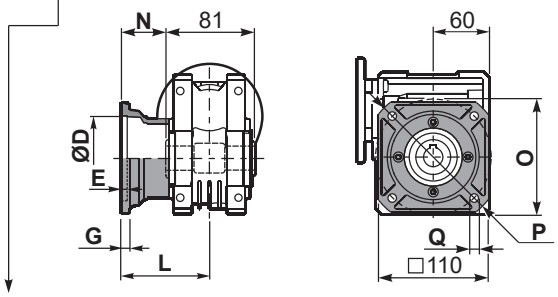
Gearbox weight peso riduttore **3.25 kg**

ø H8	B	C	*Spacer code
25 Standard	28.3	8	Q50.3.025
24 on request	27.3	8	Q50.3.024



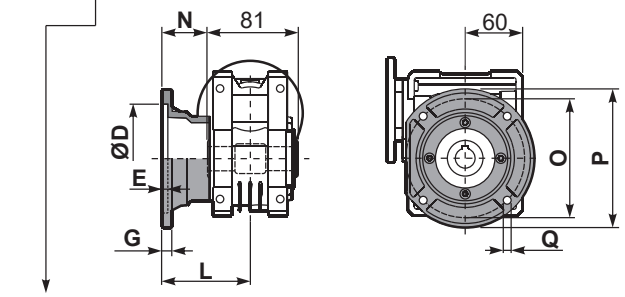
***On Request**
output shaft with spacers

PQ50**FC**... Square flange
Flangia quadrata



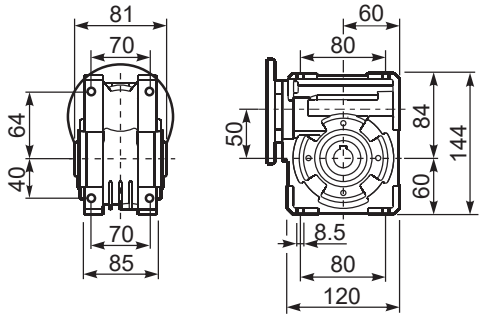
type **B**	øD	E	G	L	N	O	P	Q	kit code
FC	70 H8	5	9	90	49.5	85	125	11	KQ50.9.010
FL	70 H8	5	9	120	79.5	85	125	11	KQ50.9.011

PQ50**F1**... Round flange
Flangia rotonda

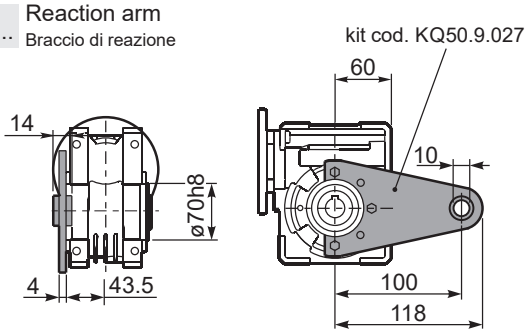


type **S**	øD	E	G	L	N	O	P	Q	kit code
F1	110 H8	5	10	89	48.5	130	160	9.5	KSQ50.9.012
F2	95 H8	5	14.5	72	31.5	115	140	11	KSQ50.9.013

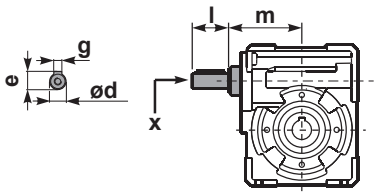
PQ50**FB**... Feet
Piedini



PQ50**BR**... Reaction arm
Braccio di reazione



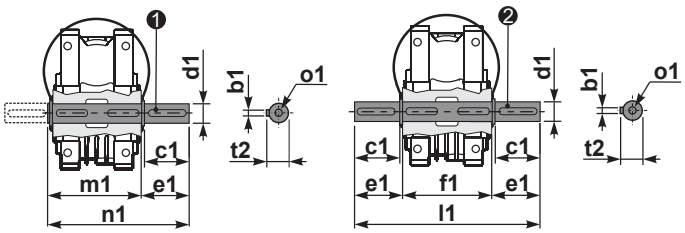
RQ50FB... Input shaft
Albero in entrata



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

PQ50.....**S**... Single Shaft
Albero lento semplice

PQ50.....**D**... Double Shaft
Albero lento bisp.



❶ kit cod. K050.5.028 type **B**
kit cod. KS050.5.030 type **S**

❷ 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