

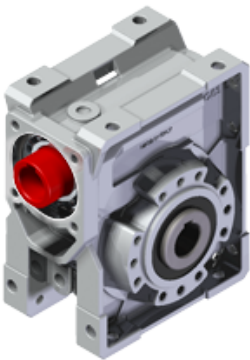
BQ50FB01C0-MB3-

Price

Lead time

Configuration

Type:	B
Size:	Q50
Input:	Metric
Output shaft/bore:	Standard ø25
Mounting:	FB
Mounting position:	B3
Input bore:	-
Coupling:	-



Technical data

Input rpm (n_1):	n.a. min^{-1}
Output rpm (n_2):	n.a. min^{-1}
Ratio (i):	7.00
Nominal power (P_{1R}):	1.50 kW / 2.34 HP
Nominal torque (M_{2R}):	57 Nm / 478 lb in
Dynamic efficiency (RD):	82%

Selection

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

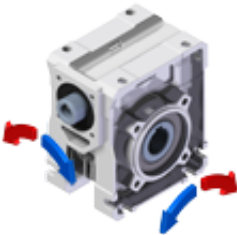
Lubrication

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

On our website

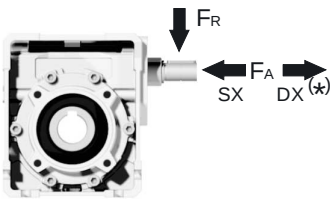
Features	Irreversibility
How to order	Thermal limit
Dimension	Atex certification
Accessories/options	Installation check list
Electric motors	Spare parts list
Selection guide - fs	Complete catalogue
Mounting pos. - lubricant	Selection by power (xls)
Calc. the overhung load	

Direction of rotation



Axial and radial loads

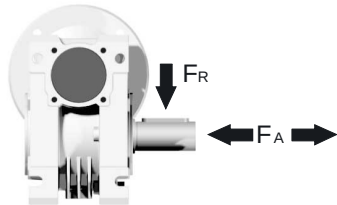
Input shaft



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

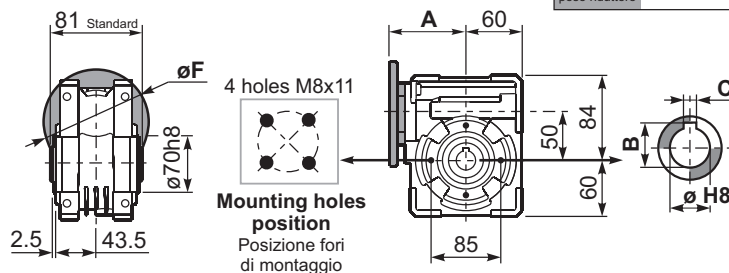
Note

Square - Gear 72Nm Q50

3D dimensions on the Web

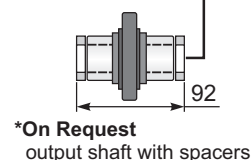
PQ50FB... Basic wormbox
Riduttore base

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



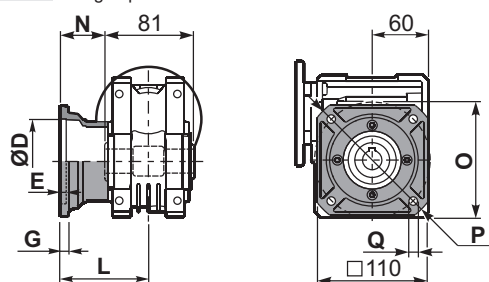
Gearbox weight
peso riduttore **3.25 kg**

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



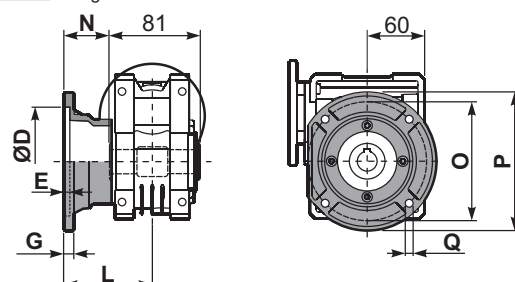
*On Request
output shaft with spacers

PQ50FC... Square flange
Flangia quadrata



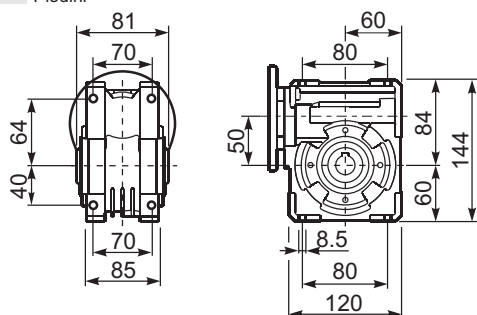
type B	øD	E	G	L	N	O	P	Q	kit code
FC	70 H8	5	9	90	49.5	85	125	11	KQ50.9.010
FL	70 H8	5	9	120	79.5	85	125	11	KQ50.9.011

PQ50F1... Round flange
Flangia rotonda

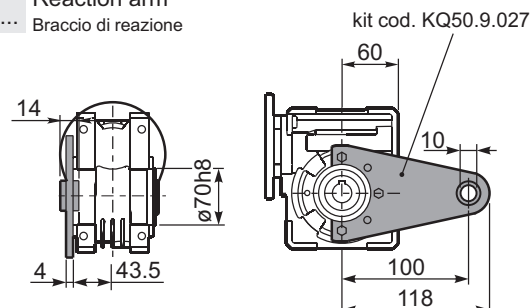


type S	øD	E	G	L	N	O	P	Q	kit code
F1	110 H8	5	10	89	48.5	130	160	9.5	KSQ50.9.012
F2	95 H8	5	14.5	72	31.5	115	140	11	KSQ50.9.013

PQ50FB... Feet
Piedini

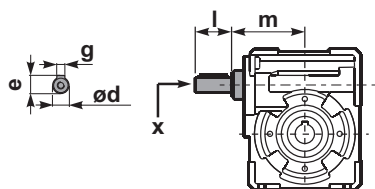


PQ50BR... Reaction arm
Braccio di reazione



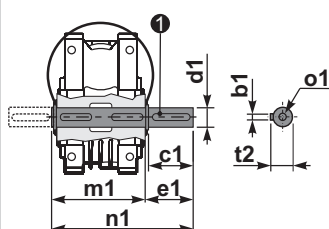
kit cod. KQ50.9.027

RQ50FB... Input shaft
Albero in entrata



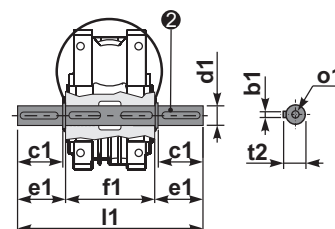
	ød	e	g	l	m	x	kit code
type B	16 h6	18	5	30	79.5	M6x16	① K050.5.006 PAM71 ② K050.5.007 PAM80
type S	14 h6	16	5	30	79.5	M5x10	① KS050.5.008 PAM71 ② KS050.5.009 PAM80

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



① kit cod. K050.5.028 type B
kit cod. KS050.5.030 type S

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



② kit cod. K050.5.029 type B
kit cod. KS050.5.031 type S

	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	81	218	86.5	155	27	M8x20