

Technical Data Sheet
Gearbox
WORM GEARBOX SQUARE DESIGN



MODEL	M45	
Ø OUTPUT SHAFT	18	mm
APPROXIMATE RATIO	45	
EXACT RATIO	46.00	
OUTPUT SPEED	32	RPM
EXACT OUTPUT SPEED	32	RPM
INPUT POWER	0.12	KW
INPUT ROTATION	1400	RPM
INPUT PAM	63B14	
OUTPUT TORQUE	22.21	N.m
NOMINAL TORQUE	41.00	N.m
NOMINAL POWER	0.22	KW
SERVICE FACTOR	1.83	
DYNAMIC EFFICIENCY	0.59	



Oil Quantity (L)

B3/H1	B6/H4	B7/H3	B8/H2	V5/H5	V6/H6
0.09	0.09	0.09	0.09	0.09	0.09

Radial and Axial Loads



n_2 [min-1]	FA [N]	FR [N]
200	180	900
100	220	1100
50	260	1400
15	400	2000

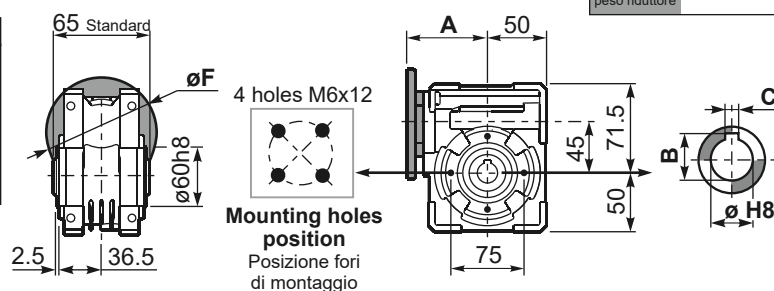
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PM45**FB**... Basic wormbox
Riduttore base

M. flanges	Kit code	øF	A
63B5	K050.4.041	138	80
71B5	K050.4.042	160	77.5
56B14	KC40.4.049	80	77.5
63B14	K050.4.047	90	80
71B14	K050.4.045	105	77.5

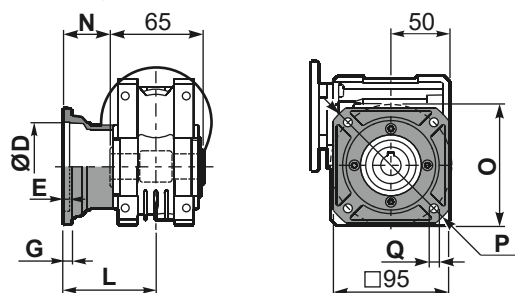


Gearbox weight peso riduttore	2.30 kg
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ø H8	B	C	*Spacer code
18 Standard	20.8	6	KM45.3.018
19 on request	21.8	6	KM45.3.019
20 on request	22.8	6	KM45.3.020

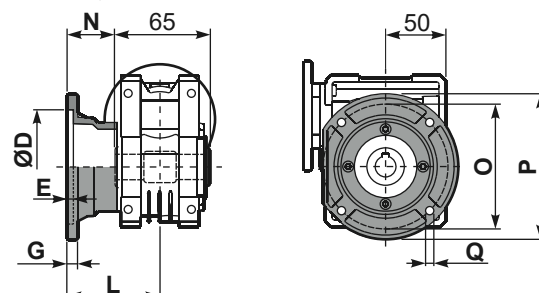
***On Request**
output shaft with spacers

PM45**FC**... Square flange
Flangia quadrata

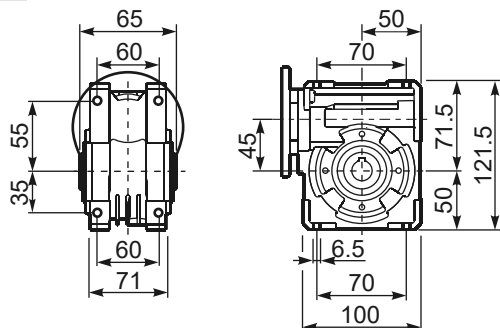


type B	øD	E	G	L	N	O	P	Q	kit code
FC	60 H8	4	7	67	34.5	75	110	9	KM45.9.010
FL	60 H8	4	7	97	64.5	75	110	9	KM45.9.011

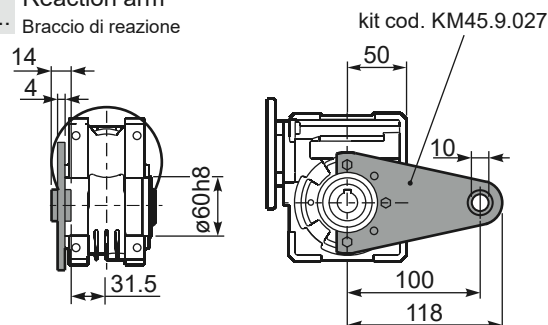
PM45**F1**... Round flange
Flangia rotonda

[illegible]

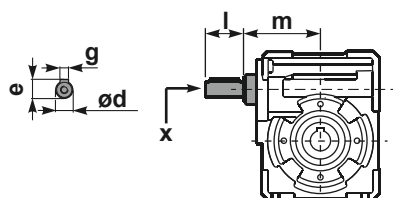
PM45**FB**... Feet
Piedini



PM45 BR ...	Reaction arm Braccio di reazione
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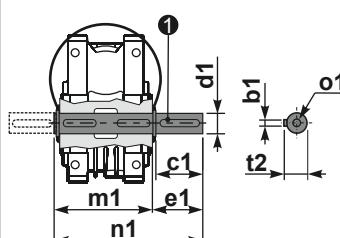


RM45FB... Input shaft
Albero in entrata



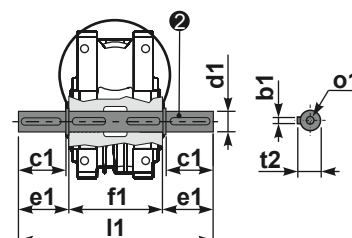
	ød	e	g	l	m	x	kit code
type B	11 h6	12.5	4	30	74	-	① K045.5.006 PAM71 ② -
type S	-	-	-	-	-	-	① - ② -

PM45.....**S**... Single Shaft
Albero lento semplice



❶ kit cod. K045.5.028 type **B**
kit cod. KS045.5.030 type **S**

PM45.....**D**... Double Shaft
Albero lento bisp.



	b1	c1	d1	e1	f1	l1	m1	n1	t2	o1
type B	6	32	18 ^{-0.005 -0.020}	43	65	151	70	113	20.5	M6x18
type S	6	40	19 ^{-0.005 -0.020}	58.5	-	-	70	128.5	21.5	M8x20