

Technical Data Sheet
Gearbox
WORM GEARBOX ROUND DESIGN



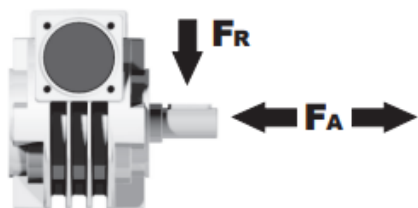
MODEL	030
Ø OUTPUT SHAFT	14 mm
APPROXIMATE RATIO	15
EXACT RATIO	15.00
OUTPUT SPEED	97 RPM
EXACT OUTPUT SPEED	97 RPM
INPUT POWER	0.18 KW
INPUT ROTATION	1400 RPM
INPUT PAM	63B14
OUTPUT TORQUE	13.44 N.m
NOMINAL TORQUE	19.00 N.m
NOMINAL POWER	0.25 KW
SERVICE FACTOR	1.39
DYNAMIC EFFICIENCY	0.73



Oil Quantity (L)

B3/H1	B6/H4	B7/H3	B8/H2	V5/H5	V6/H6
0.03	0.03	0.03	0.03	0.03	0.03

Radial and Axial Loads



n_2 [min-1]	FA [N]	FR [N]
200	120	600
100	160	800
50	200	1000
15	280	1400

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Gearbox weight peso riduttore	1.05 kg
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55 40 30 2 52 39 65

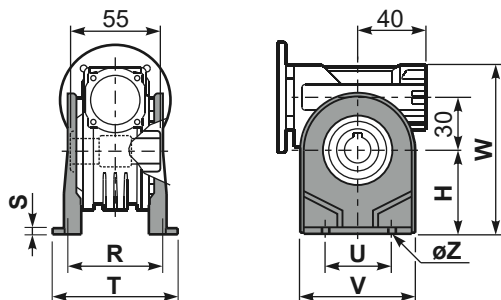
ØF

4 holes M6x10

Mounting holes position
Posizione fori di montaggio

Standard
Hollow shaft

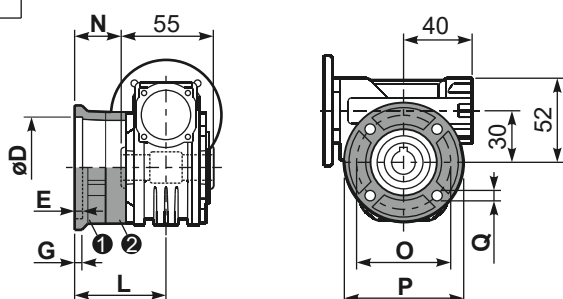
5 16.3 14H8

Feet
Piedini

Technical drawing of a mechanical part showing a cross-section. The drawing includes dimensions: 30 (width of the top flange), U (width of the base), V (width of the base), and ØZ (diameter of the central hole). The part has a semi-circular top and a central hole.

	H	R	S	T	U	V	Y	W	øZ	kit code
type B	55	66	3	87	50	78	94	107	ø6.5	K030.9.022
type S	52	66	3	87	52	90	91	104	ø6.5	KS030.9.023

Reaction arm
Braccio di reazione



Technical drawing of the K045.9.027 kit, showing a side view and a top view.

Side View Dimensions:

- Total length: 118
- Mounting flange width: 40
- Body diameter: 8.2
- Base diameter: 100

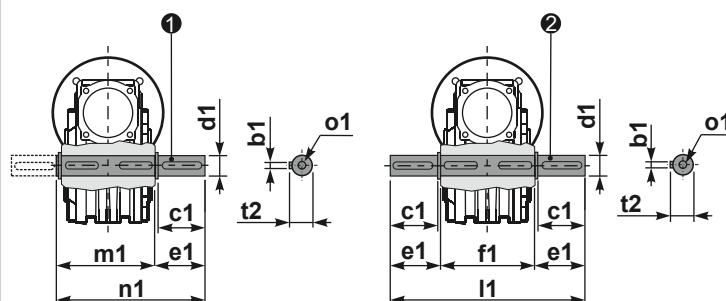
Top View Dimensions:

- Central hole diameter: 4
- Mounting flange width: 30
- Central hole diameter: 50

Kit cod. K045.9.027

type B	øD	E	G	L	N	O	P	Q	kit code
FC	50 ^{+0.15} _{+0.05}	6	6	50.5	23	68	80	7	① K030.9.010 ② -
FL	60 ^{+0.15} _{+0.05}	6	6	55.5	28	87	110	8.5	① K045.9.010 ② -
type S	øD	E	G	L	N	O	P	Q	kit code
F1	40 ^{+0.15} _{+0.10}	3.5	5.5	49	21.5	56	80	6.5	① KS030.9.012 ② -

Double Shaft
Albero lento bisp.



② kit cod. K030.5.029 type **B**

Technical drawing of a shaft-hub assembly. The left part shows a cross-section of a hub with a central hole. Dimensions are labeled: g (key width), e (distance from hub outer edge to key start), $\varnothing d$ (hole diameter), and x (distance from hub outer edge to key end). The right part shows a side view of the assembly with dimensions l (key length) and m (hub length).

	ød	e	g	l	m	x	kit code
type B	9 h6	10.2	3	20	58	-	K030.5.006 PAM63
type S	-	-	-	-	-	-	-

[illegible]