

Technical Data Sheet
Gearbox
WORM GEARBOX ROUND DESIGN



MODEL	030	
Ø OUTPUT SHAFT	14	mm
APPROXIMATE RATIO	20	
EXACT RATIO	20.00	
OUTPUT SPEED	73	RPM
EXACT OUTPUT SPEED	73	RPM
INPUT POWER	0.18	KW
INPUT ROTATION	1400	RPM
INPUT PAM	63B14	
OUTPUT TORQUE	17.19	N.m
NOMINAL TORQUE	19.00	N.m
NOMINAL POWER	0.2	KW
SERVICE FACTOR	1.11	
DYNAMIC EFFICIENCY	0.70	



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 39 52 65

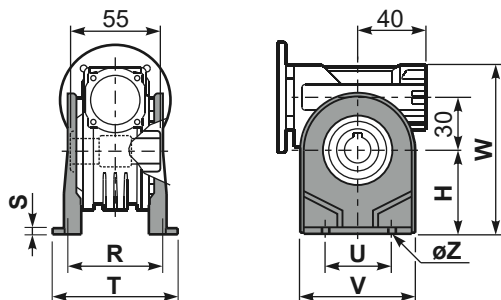
ØF

4 holes M6x10

Mounting holes position
Posizione fori di montaggio

Standard
Hollow shaft

5 16.3 14H8

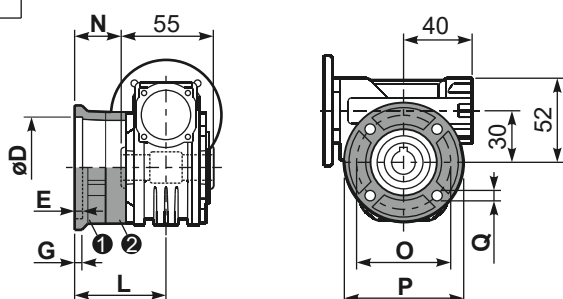
Feet
Piedini

Technical drawing of a mechanical part showing a cross-section. The drawing includes the following dimensions and labels:

- A horizontal dimension of 30 at the top.
- A vertical dimension U on the left side.
- A vertical dimension V at the bottom.
- A circular feature labeled $\varnothing Z$ on the right side.

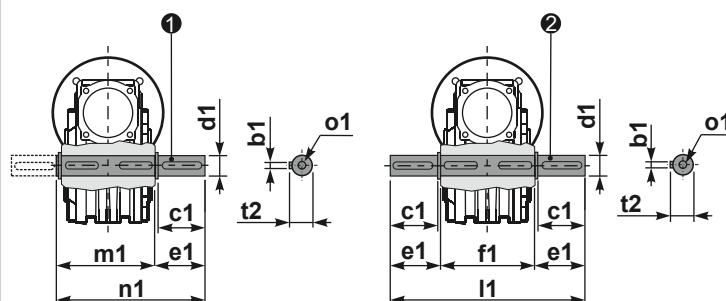
	H	R	S	T	U	V	Y	W	øZ	kit code
type B	55	66	3	87	50	78	94	107	ø6.5	K030.9.022
type S	52	66	3	87	52	90	91	104	ø6.5	KS030.9.023

Reaction arm
Braccio di reazione



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

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

[illegible]