

Technical Data Sheet
Gearbox
WORM GEARBOX ROUND DESIGN



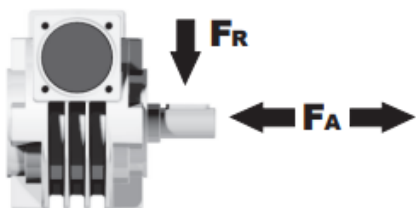
MODEL	050
Ø OUTPUT SHAFT	25 mm
APPROXIMATE RATIO	45
EXACT RATIO	43.00
OUTPUT SPEED	32 RPM
EXACT OUTPUT SPEED	34 RPM
INPUT POWER	0.18 KW
INPUT ROTATION	1400 RPM
INPUT PAM	63B14
OUTPUT TORQUE	34.84 N.m
NOMINAL TORQUE	68.00 N.m
NOMINAL POWER	0.35 KW
SERVICE FACTOR	1.94
DYNAMIC EFFICIENCY	0.66



Oil Quantity (L)

B3/H1	B6/H4	B7/H3	B8/H2	V5/H5	V6/H6
0.14	0.14	0.14	0.14	0.14	0.14

Radial and Axial Loads



n_2 [min-1]	FA [N]	FR [N]
200	240	1200
100	300	1500
50	380	1900
15	560	2800

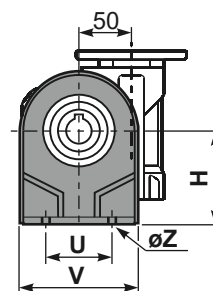
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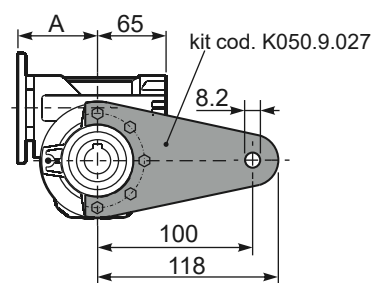
3.00 kg

On request "type S"
A richiesta "tipo S"

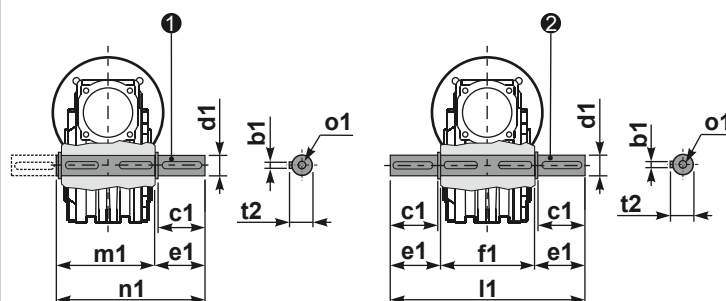
Feet
Piedini

	H	R	S	T	U	V	Y	W	ØZ	kit code
type B	82	98.5	3.5	123	63	113	138.5	163	Ø10.5	K050.9.022
type S	85	96	10	114	85	110	139.5	166	Ø10	KS050.9.023

Reaction arm
Braccio di reazione



P050.....**D**... Double Shaft
Albero lento bisp.



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

Technical drawing of a shaft-hub assembly. The left part shows a cross-section of a shaft with diameter $\varnothing d$ and a hub with thickness e and inner diameter g . The right part shows a side view of the assembly with dimensions l (shaft length), m (hub length), and x (distance from the shaft end to the hub center).

	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