

MODELO	512A	
Ø EJE DE SALIDA	30	mm
RELACIÓN APROXIMADA	14	
RELACIÓN EXACTA	14.21	
VELOCIDAD DE SALIDA	104	RPM
VELOCIDAD DE SALIDA EXACTA	103	RPM
POTENCIA DE ENTRADA	3.00	KW
ROTACIÓN DE ENTRADA	1400	RPM
PAM DE ENTRADA	100B5	
PAR DE SALIDA	279.15	N.m
PAR NOMINAL	250.00	N.m
POTENCIA NOMINAL	2.7	KW
FACTOR DE SERVICIO	0.90	
EFICIENCIA DINÁMICA	0.96	

Cantidad de Aceite (L)

B3/H1	B6/H4	B7/H3	B8/H2	V5/H5	V6/H6
0.7	0.8	1.15	1.2	1.15	1.25

Cargas Radiales y Axiales



n_2 [min-1]	F_A [N]	F_R [N]
300	460	2300
200	520	2600
120	620	3100
15	1000	5000

Gearbox weight peso riduttore	With flange	11.7 kg
	With feet	11.9 Kg



Feet Code	Market reference	G	H	R	L	S	H1	O	øI	S2 only with motor flange	B5 max. Flange	kit code
B3	312/3	18	110	160	130	190	211	20	11	10 100/112B5 35 132B5	-	KC50.9.024
B4	30/35	20	130	180	149.5	216	231	18	14	15 132B5	-	KC60.9.024
S4	47-57	30	115	135	165	170	216	25	14	5 100/112B5 30 132B5	-	KC50.9.022
H3	023-233	30	130	135	135	185	231	25	14	15 132B5	-	KC50.9.025
M2	52/3	30	110	135+150	100	190	211	18	11	10 100/112B5 35 132B5	-	KC50.9.023

 Most popular types
Tipi più diffusi

The technical drawing illustrates the output shaft assembly with three main views:

- Front View (Left):** Shows a circular shaft with a central hole. Dimensions include p_1 (hole diameter), x (shaft diameter), d_1 (inner diameter of the housing bore), and h_1 (housing bore depth).
- Side View (Right):** Shows the shaft inserted into the housing. Key dimensions include:
 - a_1 : Total length of the shaft.
 - b_1 : Distance from the shaft end to the center of the housing bore.
 - f_1 : Housing bore thickness.
 - c_1 : Shaft diameter at the bottom flange.
 - 57.5 : Dimension from the shaft end to the start of the housing bore.
 - $51.5 \text{ with KC50.9.011}$: Dimension from the shaft end to the center of the housing bore.
 - 5.3 : Internal thread specification.
 - g_6 : Flange outer diameter.
 - k_1 : Flange thickness.
- Detail Y (Top Left):** A magnified view of the shaft-housing interface. It shows a shoulder on the shaft with a width of $8.5 \text{ with KC50.9.011}$ and a fillet radius of 2.5 .

	Shaft - d1	p1	h1	x
Standard	ø 30x60	8	33	M10x22
On request A richiesta	ø 24x50	8	27	M8x19
	ø 25x50	8	28	M8x19
	ø 28x60	8	31	M8x19
	ø 35x60	10	38	M10x22

a1 ø	b1	c1	e1	f1	s1	kit code
160	110	14	130	3.5	11	KC50.9.011
200	130	13	165	3.5	11	KC50.9.012
250	180	15.5	215	4	14	KC50.9.013

With flange and feet only on request. Ask for compatibility

R512A-N... Input Shaft
Albero in entrata

5-16