

MINIMOTOR - PAEF COAXIAL GEAR MOTOR WITH FURTHER PLANETARY GEAR

PAEF4T2B3-57

- For clean environments
- IP67 as standard
- Up to 90Nm rated torque
- Minimal dirt trap points
- Epoxy coated with no external fan



PRODUCT DESCRIPTION

COAXIAL AND PLANETARY GEARED MOTOR

White epoxy coating for increased protection against chemicals and harsh working environments.
IP67 rated with no external fan.

MOTOR: Asynchronous three-phase motor with 2 poles, totally Class H winding in accordance with CEI EN 60034-1.

GEAR UNIT: With casing in die-cast aluminium. Case-hardened and hardened bearings, output shaft in stainless steel on request. Lubrication with long-lasting oil (not toxic).

13 gear ratios (i) available, from 48.7 to 1770.9. Rated torque from 19.9 to 90 Nm. Version B3 or B5.

TECHNICAL DATA

Input voltage ac	230Δ/400Y
IP class	IP67
Nominal speed	57 rpm
Nominal torque	19,9
Output power	130 W
Rated current	0.65Δ/0.38Y
Ratio	48.7:1

The image contains two technical drawings of a mechanical component, likely a pump or motor housing, with various dimensions labeled.

Front View (Left): Shows a circular flange with a central mounting hole. Dimensions include:

- X_1 : Total width of the flange.
- Z : Distance from the center to the mounting hole.
- X : Radius of the flange.
- X_2 : Distance from the center to the outer edge of the flange.
- W : Width of the mounting flange.
- Q : Distance from the center to the bottom flange.
- X_3 : Distance from the center to the bottom flange.
- Z_1 : Distance from the center to the bottom flange.
- R : Radius of the bottom flange.

Side View (Right): Shows the profile of the component. Dimensions include:

- G : Total height of the component.
- V : Distance from the top to the first step.
- V_1 : Distance from the top to the second step.
- V_2 : Distance from the top to the third step.
- V_3 : Distance from the top to the fourth step.
- V_4 : Distance from the top to the fifth step.
- V_5 : Distance from the top to the sixth step.
- V_6 : Distance from the top to the seventh step.
- V_7 : Distance from the top to the eighth step.
- V_8 : Distance from the top to the ninth step.
- V_9 : Distance from the top to the tenth step.
- V_{10} : Distance from the top to the eleventh step.
- V_{11} : Distance from the top to the twelfth step.
- V_{12} : Distance from the top to the thirteenth step.
- V_{13} : Distance from the top to the fourteenth step.
- V_{14} : Distance from the top to the fifteenth step.
- V_{15} : Distance from the top to the sixteenth step.
- V_{16} : Distance from the top to the seventeenth step.
- V_{17} : Distance from the top to the eighteenth step.
- V_{18} : Distance from the top to the nineteenth step.
- V_{19} : Distance from the top to the twentieth step.
- V_{20} : Distance from the top to the twenty-first step.
- V_{21} : Distance from the top to the twenty-second step.
- V_{22} : Distance from the top to the twenty-third step.
- V_{23} : Distance from the top to the twenty-fourth step.
- V_{24} : Distance from the top to the twenty-fifth step.
- V_{25} : Distance from the top to the twenty-sixth step.
- V_{26} : Distance from the top to the twenty-seventh step.
- V_{27} : Distance from the top to the twenty-eighth step.
- V_{28} : Distance from the top to the twenty-ninth step.
- V_{29} : Distance from the top to the thirtieth step.
- V_{30} : Distance from the top to the thirty-first step.
- V_{31} : Distance from the top to the thirty-second step.
- V_{32} : Distance from the top to the thirty-third step.
- V_{33} : Distance from the top to the thirty-fourth step.
- V_{34} : Distance from the top to the thirty-fifth step.
- V_{35} : Distance from the top to the thirty-sixth step.
- V_{36} : Distance from the top to the thirty-seventh step.
- V_{37} : Distance from the top to the thirty-eighth step.
- V_{38} : Distance from the top to the thirty-ninth step.
- V_{39} : Distance from the top to the fortieth step.
- V_{40} : Distance from the top to the forty-first step.
- V_{41} : Distance from the top to the forty-second step.
- V_{42} : Distance from the top to the forty-third step.
- V_{43} : Distance from the top to the forty-fourth step.
- V_{44} : Distance from the top to the forty-fifth step.
- V_{45} : Distance from the top to the forty-sixth step.
- V_{46} : Distance from the top to the forty-seventh step.
- V_{47} : Distance from the top to the forty-eighth step.
- V_{48} : Distance from the top to the forty-ninth step.
- V_{49} : Distance from the top to the fiftieth step.
- V_{50} : Distance from the top to the fifty-first step.
- V_{51} : Distance from the top to the fifty-second step.
- V_{52} : Distance from the top to the fifty-third step.
- V_{53} : Distance from the top to the fifty-fourth step.
- V_{54} : Distance from the top to the fifty-fifth step.
- V_{55} : Distance from the top to the fifty-sixth step.
- V_{56} : Distance from the top to the fifty-seventh step.
- V_{57} : Distance from the top to the fifty-eighth step.
- V_{58} : Distance from the top to the fifty-ninth step.
- V_{59} : Distance from the top to the sixtieth step.
- V_{60} : Distance from the top to the sixty-first step.
- V_{61} : Distance from the top to the sixty-second step.
- V_{62} : Distance from the top to the sixty-third step.
- V_{63} : Distance from the top to the sixty-fourth step.
- V_{64} : Distance from the top to the sixty-fifth step.
- V_{65} : Distance from the top to the sixty-sixth step.
- V_{66} : Distance from the top to the sixty-seventh step.
- V_{67} : Distance from the top to the sixty-eighth step.
- V_{68} : Distance from the top to the sixty-ninth step.
- V_{69} : Distance from the top to the seventieth step.
- V_{70} : Distance from the top to the seventy-first step.
- V_{71} : Distance from the top to the seventy-second step.
- V_{72} : Distance from the top to the seventy-third step.
- V_{73} : Distance from the top to the seventy-fourth step.
- V_{74} : Distance from the top to the seventy-fifth step.
- V_{75} : Distance from the top to the seventy-sixth step.
- V_{76} : Distance from the top to the seventy-seventh step.
- V_{77} : Distance from the top to the seventy-eighth step.
- V_{78} : Distance from the top to the seventy-ninth step.
- V_{79} : Distance from the top to the eightieth step.
- V_{80} : Distance from the top to the eighty-first step.
- V_{81} : Distance from the top to the eighty-second step.
- V_{82} : Distance from the top to the eighty-third step.
- V_{83} : Distance from the top to the eighty-fourth step.
- V_{84} : Distance from the top to the eighty-fifth step.
- V_{85} : Distance from the top to the eighty-sixth step.
- V_{86} : Distance from the top to the eighty-seventh step.
- V_{87} : Distance from the top to the eighty-eighth step.
- V_{88} : Distance from the top to the eighty-ninth step.
- V_{89} : Distance from the top to the ninetieth step.
- V_{90} : Distance from the top to the ninety-first step.
- V_{91} : Distance from the top to the ninety-second step.
- V_{92} : Distance from the top to the ninety-third step.
- V_{93} : Distance from the top to the ninety-fourth step.
- V_{94} : Distance from the top to the ninety-fifth step.
- V_{95} : Distance from the top to the ninety-sixth step.
- V_{96} : Distance from the top to the ninety-seventh step.
- V_{97} : Distance from the top to the ninety-eighth step.
- V_{98} : Distance from the top to the ninety-ninth step.
- V_{99} : Distance from the top to the one hundredth step.

B3

Type	A	B	C	D	E	F	G	H	K	K1	L	L1	N	Q
PAEF 4T2	100	80	28	24	50	8	27	56	9	M10	394	344	67	93

Type	R	S	T	V	X	X1	Y	Y1	Y2	W	Z	Z1	Ratio	
PAEF 4T2	120	M8	22	71	80	60	17	108	15	15	1	56	60	8,950



