color-technik Antriebstechnik GmbH

GETRIEBE-SCHRITTMOTOR
PM-SCHRITTMOTOR BASIS

micro motors s.r.l.

PM-Getriebe-Schrittmotor Ø 35mm

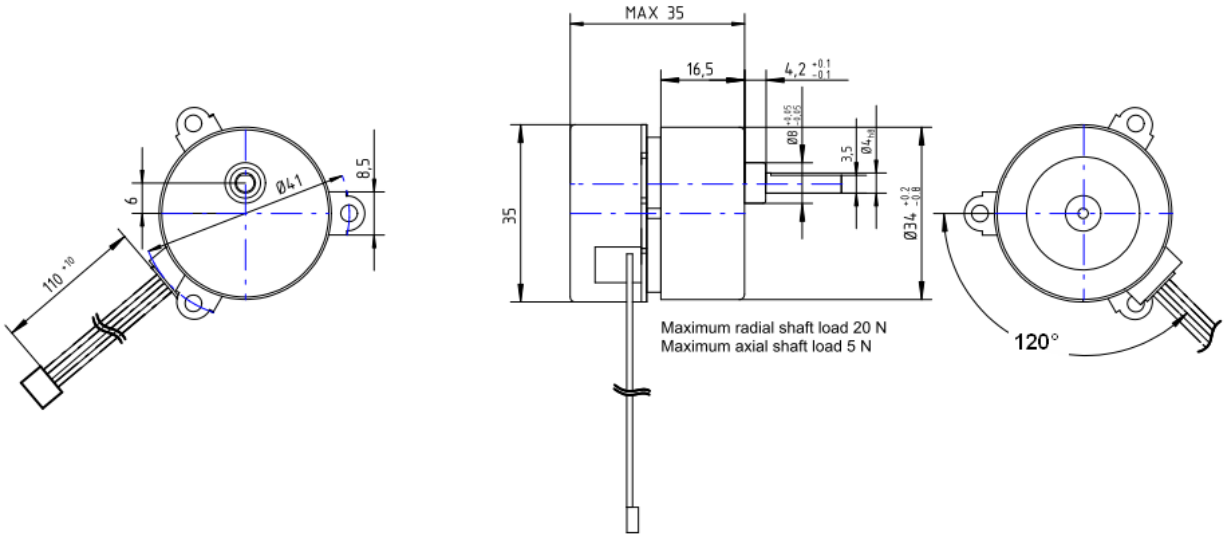
- Bis 500 mNm Dauermoment
- Sehr flache Bauform
- Stabile Zahnräder
- Metallgetriebe
- Sonderwelle und Sonderwicklung auf Anfrage
- Sonderkabel mit Stecker auf Anfrage
- Für Projekte Schrittwinkel Basis-Motor: 15° und 3.75°

35S48B0708-138-Serie Baulänge von 35 mm

Step Angle	7.5°	Full Step
Number of Phase	2	BIPOLAR
Insulation Resistance	100 Ω	(400V DC)
Insulation Class	Class	B
Voltage Driver	8-36V	V

Pinion made by	Steel	
Radial Shaft Load	20	N
Axial Shaft Load	5	N
Max. allow Torque	500	mNm
Mass	100	g

Short-Motor 35S48 Version	Ratio (x:1)	Holding Torque mNm	*Step Angle (°)	Resistance Ohm	Current mA	Inductance mH
35S48B0708-138-12	12.25	400	0.61	7	500	10
35S48B0708-138-21	21.14	400	0.354	7	500	10
35S48B0708-138-36	35.73	400	0.21	7	500	10
35S48B0708-138-72	71.54	400	0.105	7	500	10
35S48B0708-138-149	149.05	400	0.05	7	500	10
35S48B0708-138-208	208.66	400	0.036	7	500	10
35S48B0708-138-608	608.61	400	0.0123	7	500	10
35S48B0708-138-1470	1470.82	400	0.0051	7	500	10



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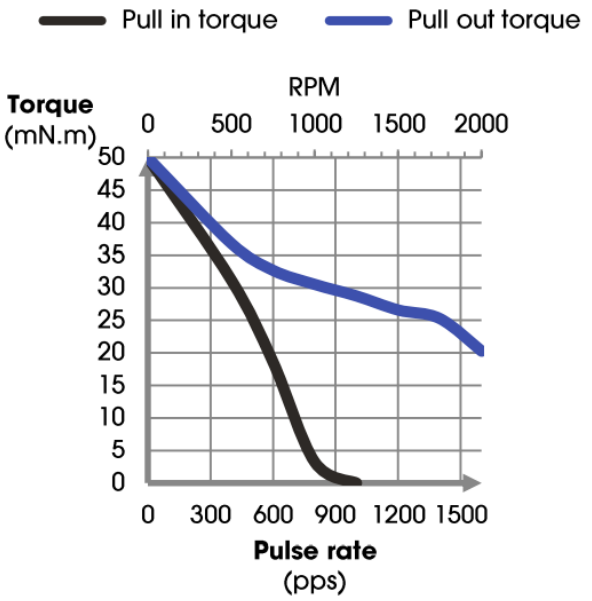
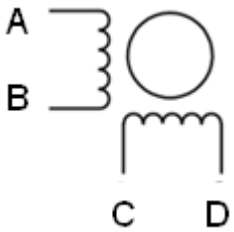
Kennlinie Basismotor:

35RH48B07

Conditions: Bi-polar Constant Current Driver
Driver: AMIS 30522
Mode: Full Step



	COLOR	Phase	CCW <------			-----> CW	
1	YELLOW	A	-	+	+	-	
2	ORANGE	B	+	-	-	+	+
3	BLACK	C	-	-	+	+	-
4	BROWN	D	+	+	-	-	+