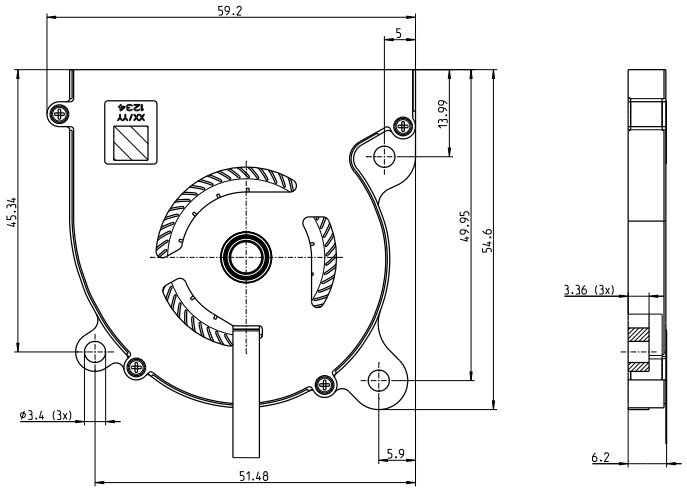
MinebeaMitsumi
Passion to Create Value through Difference

BLDC FDB SFF Fan

Brushless 3 – Phase DC Motor

Rated voltage [V]	Rated speed [rpm]	Power at rated speed [W]	Static pressure [Pa]	Volume flow [m³/min]
5	8250	2.25	260	0.103



Features

- High precision fully grooved FDB
- Long working life
- Low vibration
- Low acoustic noise
- Low profile
- High robustness against shock and vibration

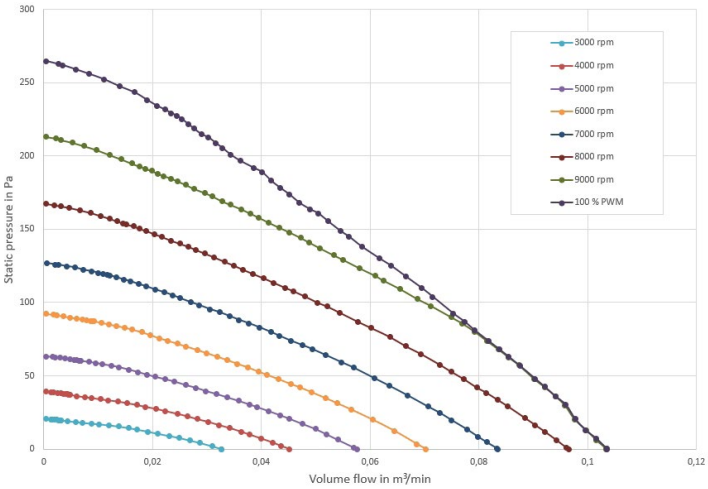
General information

• Mounting position:	arbitrary
• Bearing system:	FDB (Fluid Dynamic Bearing)
• Torque Constant Kt:	2.49 mN · m/A
• Weight:	26 g max.
• Static imbalance:	10 mg · cm
• Temperature Range:	
operating:	0 °C to +70 °C
non operating:	-10 °C to +70 °C
• Direction of Rotation:	CCW only!
• Number of Poles/Slot:	12/9
• Motor life:	5 years at 70 °C

Options

• Integrated Drive Electronic:	Yes - DRV10964
• Lock protection:	Yes

PQ Characteristics vs. Fan speed



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Minebea-Weg 1
78052 Villingen-Schwenningen
GERMANY
www.minebeamitsumi.eu

Phone: +49 7721 997-100

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