BSTech SERIES — COMPACT CLASS

BST-I14 — 14 kg Thrust Class

PARAMETERS	SPECIFICATIONS
Dimensions	Outer diameter 99 mm ; Length 276 mm
Weight	1,470 g (including starter)
Maximum Thrust	14 kg @ 123,000 RPM
Idle RPM	35,000
Thrust @ Idle	0.6 kg
EGT	400 - 500 °C
Fuel Consumption	490 g/min at max RPM
Fuel / Oil	Jet Fuel / Kerosene / Diesel + 5% oil or synthetic turbine oil

BST-I19 — 19 kg Thrust Class

PARAMETERS	SPECIFICATIONS
Dimensions	Outer diameter 112 mm ; Length 298 mm
Weight	1,780 g (including starter)
Maximum Thrust	18.8 kg @ 123,000 RPM
Idle RPM	35,000
Thrust @ Idle	0.75 kg
EGT	550 - 690 °C
Fuel Consumption	580 g/min at max RPM
Fuel / Oil	Jet Fuel / Kerosene / Diesel + 5% oil or synthetic turbine oil

BSTech SERIES — HIGHER THRUST CLASS

BST-I25 — 25 kg Thrust Class

PARAMETERS	SPECIFICATIONS
Nominal Thrust	240 N
Idle Thrust	12 N
Idle RPM	35,000
Max RPM	110,000
Speed Range	0.9 M
Outer Diameter	121 mm
Length	325 mm
Weight	1,800 g
Max Operating Altitude	8,000 m
Max Starting Altitude	3,000 m
Speed Range for Startup	0 to 1.5 M
Temperature Starting Range	−20 to +50 °C
EGT	550 – 690 °C
Fuel Consumption	790 g/min at max RPM
Fuel Type	Jet A-1 / Kerosene / Diesel + 5% Oil

BST-I40 — 40 kg Thrust Class

PARAMETERS	SPECIFICATIONS
Full Speed RPM	98,000 RPM
Full Speed Thrust	39.5 kg
Idle RPM	30,000
Outer Diameter	147 mm
Length	400 mm
Weight	4,250 g
Max Operating Altitude	8,000 m
Max Starting Altitude	3,000 m
Speed Range for Startup	0 to 1.5 M
Temperature Starting Range	−20 to +50 °C
EGT	500 – 760 °C
Fuel Consumption	1,450 ml/min
Fuel Type	Jet A-1 / Kerosene / Diesel + 5% Oil

COMPANY INFORMATION, Bo-Sheng Development Trading Co., Ltd.

Precision Manufacturing, CNC Equipment & Global Trading

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