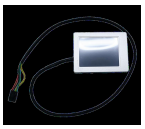
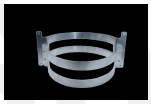
TB80B Technical Specification





FlySpark

TB80B Engine Packing List (Per Set)

No.	Name	Qty	Remarks
1	Engine 	1	
2	Power Cable 	1	
3	Signal Cable 	1	
4	GSU (Ground Support Unit) 	1	Optional
5	Hoop Clamp 	1	

Technical Parameters

Model	TB80B
Max Thrust	80 daN
Idle Speed	25000 rpm
Idle Thrust	5 daN
Fuel Consumption at Max Speed	2.2 kg/min
Start- up Time	⩽70 s
Acceleration / Deceleration Time	9 / 13 s
Starting Method	Fuel start
Air Mass Flow	1.4 kg/s

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Model	TB80B
Pressure Ratio	4.4
Maximum Rotational Speed	68200 rpm
Fuel Type	Jet- A1, Jet- TS1 or high- grade diesel with 2.5- 5% lubricating oil mixing ratio
Fuel Consumption Rate at Max Speed	1.66 kg/(daN • h)
Weight	10 kg
Overall Dimension	Φ201 × 457 mm
Operating Altitude	0- 8000 m
Thrust- to- Weight Ratio	8
Max Exhaust Gas Temperature	1100 K

Overall Dimension of Engine

