



Distance from Nozzle Lower Surface to Workpiece

Technical Parameters:

1. The water cooling interface of the laser head connects to a tube with an outer diameter of 6mm and inner diameter of 4mm, with a pressure of 3-5 bar.
2. The protective gas interface is for a gas tube with an outer diameter of 6mm
3. Optical Path Configuration:
4. For 3KW: Collimation D30mm, F75mm; Focus D30mm, F250mm (circular spot)
5. For 6KW: Collimation D37mm, F100mm; Focus D37mm, F300mm (circular spot)
6. Overall Weight: Approximately 4.5kg
7. Distance from Nozzle Lower Surface to Workpiece: Approximately 23mm ± 2mm
8. Powder Particle Size: 20-160µm (800-90 mesh)
9. Upper Protective Lens Specification: D40 × 3.5mm
10. Lower Protective Lens Specification: D40 × 3.5mm;

修订历史记录

区域	修订	描述	日期	已批准
	1		2023-12-14	

Tolerances others size ± 0.05	Surface Roughness 1.6	DRAWN Jack 2025/1/1
Angle±0.5°		CHECKED

Ray Tech

Part NAME	透射式激光熔覆头			DWG. NO.	ZR-CM-03			版本	1
Material		QTY	无	SIZE	A3	SCALE	1 : 3	SHEET	1/1