

S-40-355-N1

Data sheet V 1.0

Features

- » Compact construction
- » Competitive price
- » Performance improvement

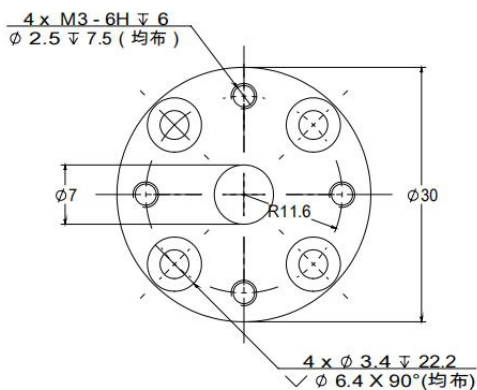
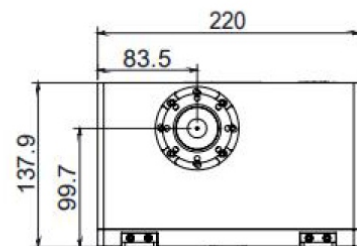
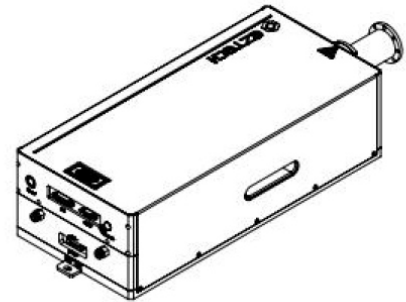
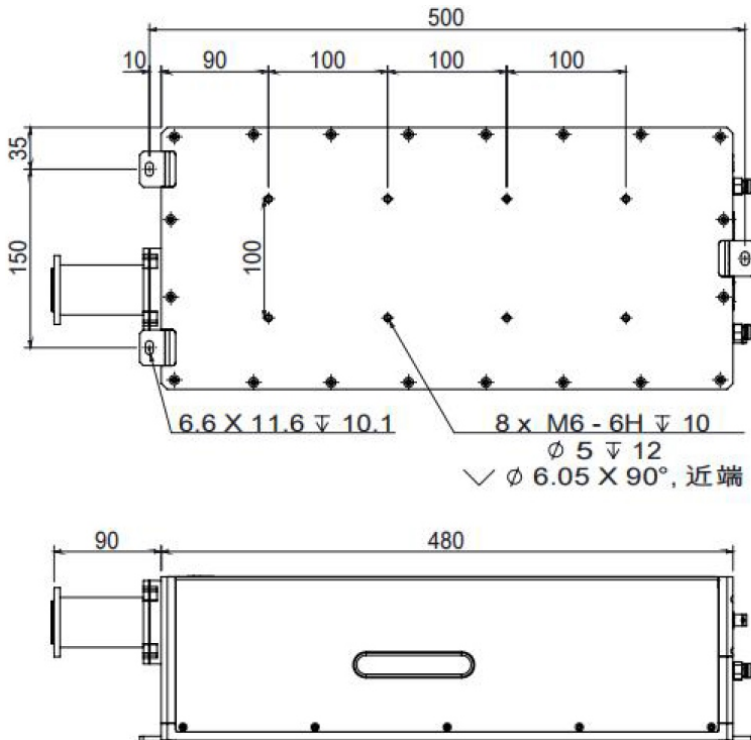


TECHNICAL SPECIFICATIONS

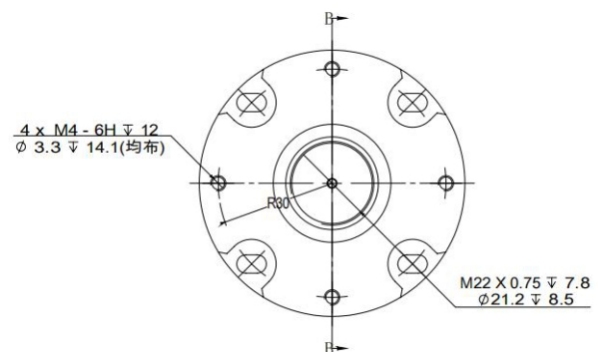
Central Wavelength	355 nm
Output power	>40 W@50kHz
Max. pulse energy	800 µJ@50kHz
Range of power	0-100 %
Repetition frequency	40-200 kHz
Power instability	<3 %
Beam quality	<1.3 M ²
Pulse stability	<3 %
Pulse width	<25ns@50kHz
Spot roundness	>90 %
Divergence angel	<2 mrad
Spatial Mode	TEM ₀₀
Pointing stability(8h)	<25 urad/°C

Beam diameter	0.6±0.1 mm
Beam diameter (8x)	5.6±0.8 mm
Supply voltage DC	48 VDC
Current consumption	<12 A
Power consumption	<576 W
Operating temperature	15 - 35 °C
Storage temperature	-10 - 50 °C
Colling method	Water
Colling capacity	>1000 W
Water flow	>8 L/min
Dimension	480x220x138 mm
Net weight	<21 kg

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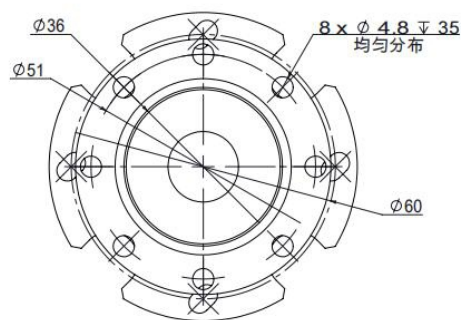


Beamexpander mounting flange

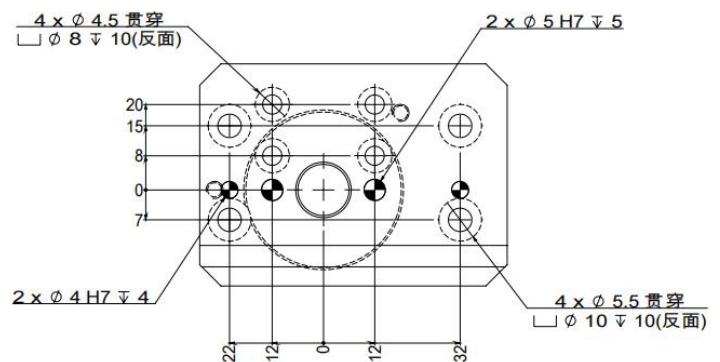


Beamexpander mounting M22

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Galvanometer connecting tube



Galvanometer adapter