

S-25-355-HF

Data sheet V 1.0

Features

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

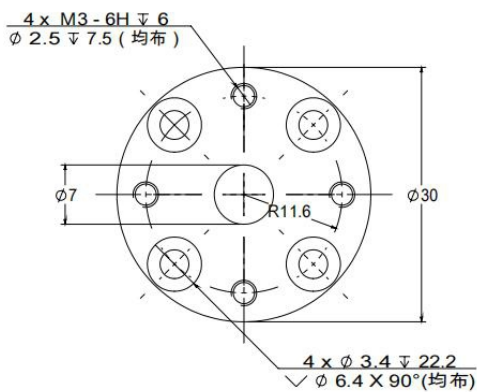
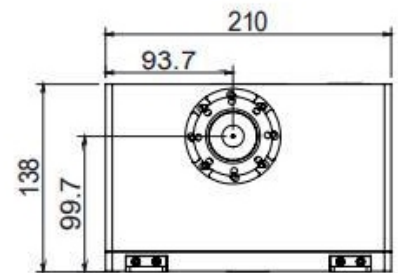
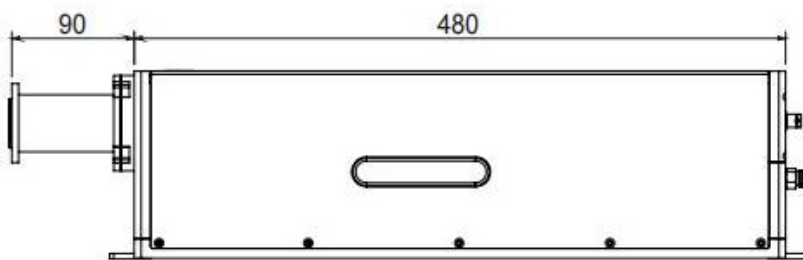
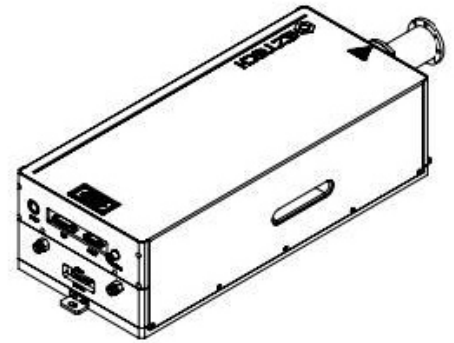
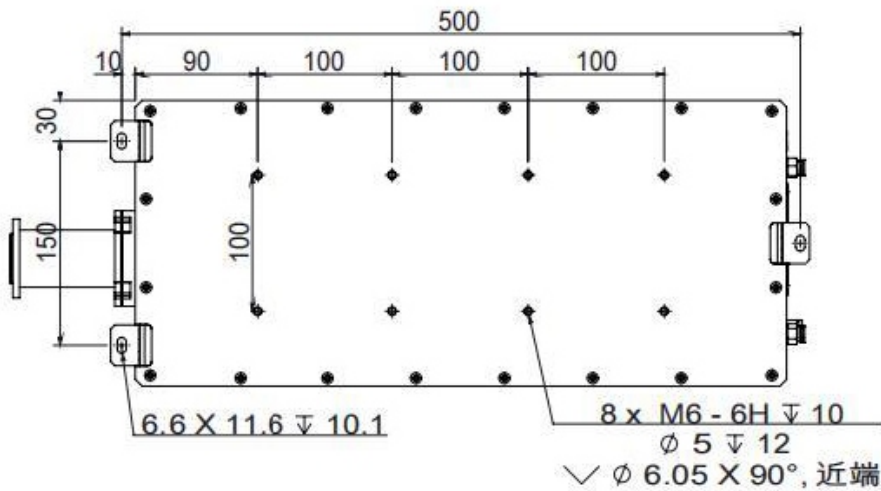


TECHNICAL SPECIFICATIONS

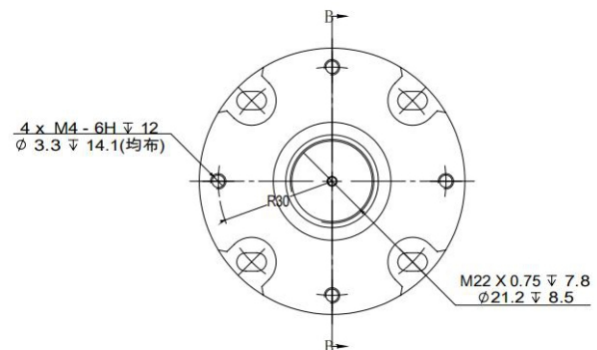
Central Wavelength	355 nm
Output power	>25W@80kHz
Max. pulse energy	312.5 μ J@80kHz
Range of power	0-100 %
Repetition frequency	80-300 kHz
Power instability	<3 %
Beam quality	<1.3 M ²
Pulse stability	<3 %
Pulse width	<26ns@80kHz
Spot roundness	>90 %
Divergence angel	<2 mrad
Spatial Mode	TEM ₀₀
Pointing stability(8h)	<25 urad/°C

Beam diameter	0.7±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	>6 L/min
Dimension	400x160x130 mm
Net weight	<20.5 kg

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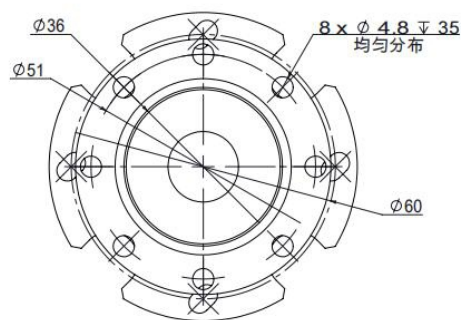


Beamexpander mounting flange

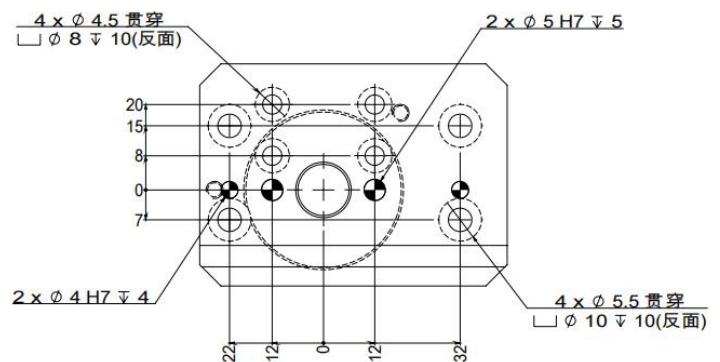


Beamexpander mounting M22

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Galvanometer connecting tube



Galvanometer adapter