

S-20-355-N1

Data sheet V 1.0

Features

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

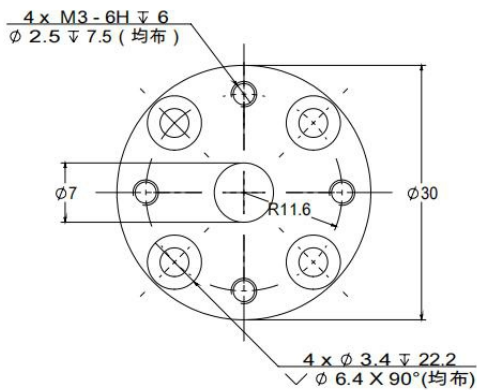
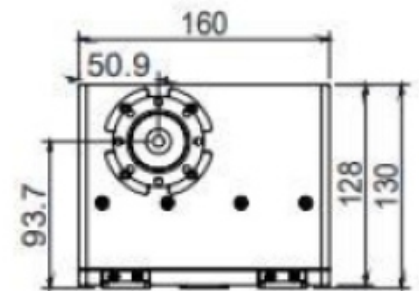
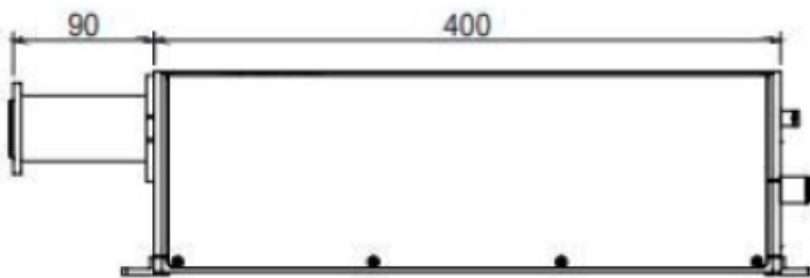
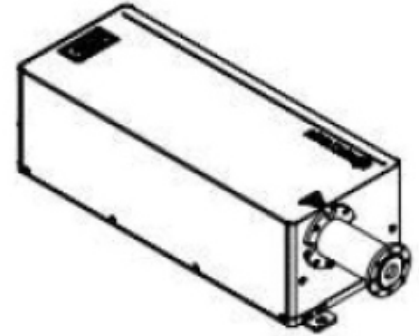
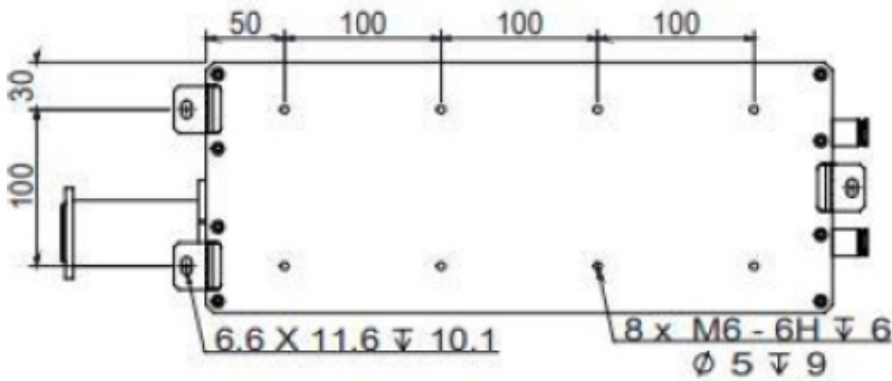


TECHNICAL SPECIFICATIONS

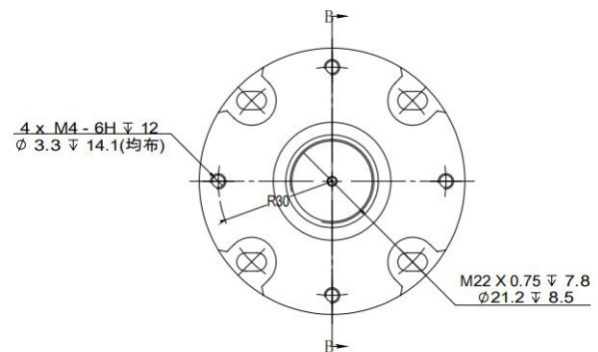
Central Wavelength	355 nm
Output power	>20W@60kHz
Max. pulse energy	285 μ J@70kHz
Range of power	0-100 %
Repetition frequency	50-200 kHz
Power instability	<3 %
Beam quality	<1.3 M ²
Pulse stability	<3 %
Pulse width	<15ns@70kHz
Spot roundness	>90 %
Divergence angel	<2 mrad
Spatial Mode	TEM ₀₀
Pointing stability(8h)	<25 urad/°C

Beam diameter	0.5±0.1 mm
Beam diameter (8x)	7.5±0.8 mm
Supply voltage DC	24 VDC
Current consumption	<10 A
Power consumption	<240 W
Operating temperature	15 - 35 °C
Storage temperature	-10 - 50 °C
Colling method	Water
Colling capacity	>580 W
Water flow	>6 L/min
Dimension	400x160x130 mm
Net weight	<13 kg

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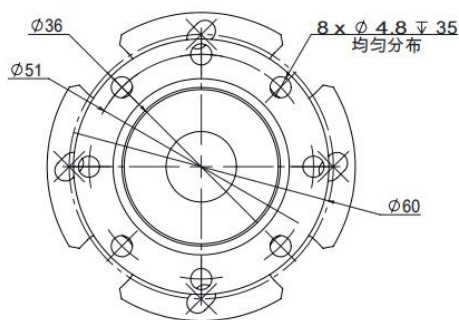


Beamexpander mounting flange

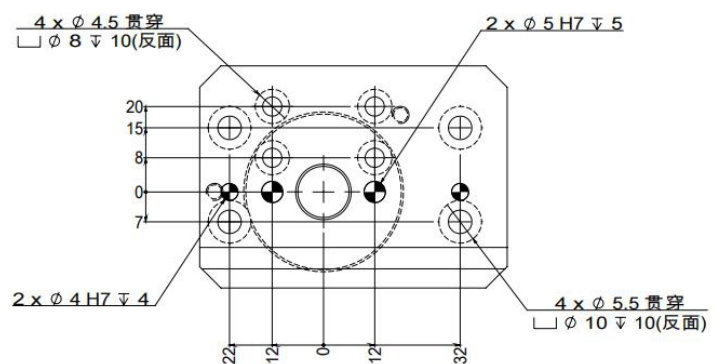


Beamexpander mounting M22

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Galvanometer connecting tube



Galvanometer adapter