

FOD150

TECHNICAL

DATASHEET



MODELS	INDICATIVE RANGE	UPDATE RATE
FOD150	150m for detection of 3cmx 3cm x 3cm debris	0.14 Hz

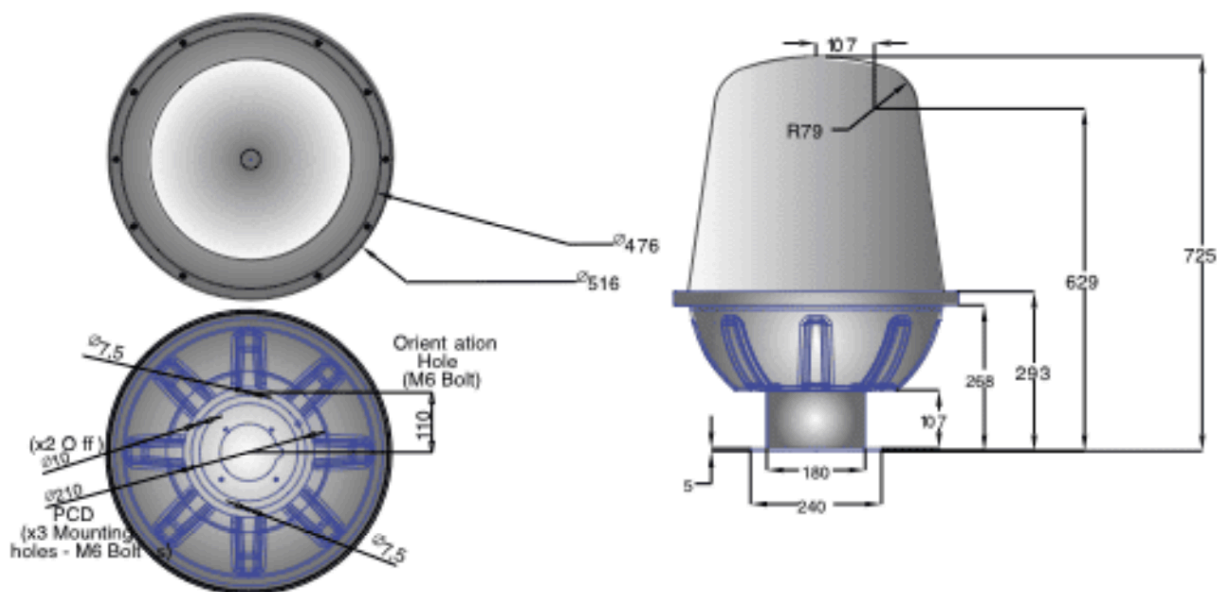
DIMENSIONS

Measurements

H725mm x W516mm

Weight

22 kg



Note: Dimensions measured in mm.

Specifications are subject to change without notice.
All images used are for illustrative purposes only.
Due to customer use beyond our control, Navtech Radar cannot assess product relevance for specific applications. Customers are responsible for testing products and reviewing regulations to ensure safe operation.



Navtech complies with the following ISO standards

ISO 9001:2015 Quality
ISO 27001 Information Security
ISO 45001 Health and Safety
ISO 14001 Environmental
ISO 20000 IT Service Management

Navtech Radar



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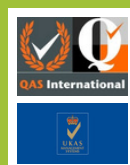
Safety is everything.

AG-PM-0004 V1.1

TECHNICAL SPECIFICATIONS - FOD150

Operating Frequency	76 - 77 GHz
Operating Range	150m for detection of 3cmx 3cm x 3cm debris
Range Resolution	0.155m
Azimuth Beamwidth	1.8°
Elevation Beamwidth	3°
Infill Elevation Beam	Optional
Measurement Rate	5600 per rotation
Field of View	360°
Update Rate (Rotation Speed)	7s (0.14 Hz)
Data Connection	Gigabit Ethernet
Power Consumption	36 Watts
Power Supply	24 Volts DC
Mounting Height	1m - 2m
Safe Working Distance (from radome)	0.1m
Operating Temperature	-20°C to + 60°C
Environmental	IP 67 BS EN 60068-2-52:1996 Test Kb Severity 3
Compliance	CE Marked
EMC Directive	2014/30/EU
Low Voltage Directive	2014/35/EU
Radio Equipment Directive	2014/53/EU

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