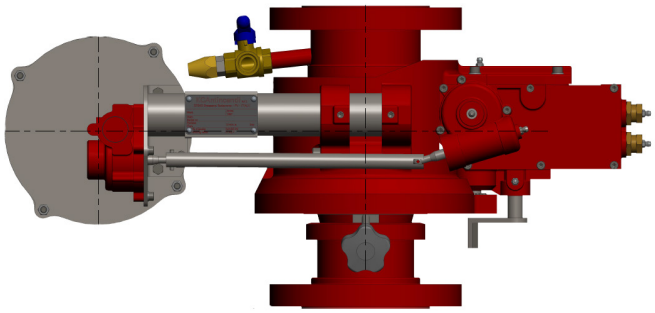
Monitor Equipment

Oscillating Unit | KSO Oscillating Unit



Oscillating unit model KSO

Related documents	TD2.3.5.1 (Technical data page) TM2.3.5.1 (O&M Manual)
Approvals	
Material (Body)	Stainless steel AISI 316
Material (Gearbox)	Aluminium
Material (Flange)	Stainless steel AISI 316
Working pressure (Max.)	250 psi (17.2 bar)*
Finish	Red epoxy (Flame red RAL3000)
Inlet connection type	Flanged ANSI or PN16
Outlet connection type	Flanged ANSI or PN16
Rotation	15° to 360° continuous
Rotation speed	4°/second @ 100 psi (6.89 bar)
Options	None
Weight	See technical data page

Note: Monitors are UL Listed as part of a fire suppression system combining designated foam concentrates and discharge devices. Listed system components can be found at https://iq.ulprospector.com

* Lower working pressures may need to be assessed based upon how the monitor is operated, supported and where installed.

Please refer to recoil force table (see technical data page) for further information.

The oscillating unit is a device which enables a continuous movement on the horizontal plane to the monitor installed on it. The rotation motion is generated by a hydraulic turbine, fed by the same water / foam solution flow going to the discharge device at the end of the monitor.

Flow rate[1,2]		Body		Flange		Part number
GPM	l/min	Size	Outlet	Size	Pattern	Oscillating unit
250 - 1,000	946 - 3,785	3”	ANSI	3”	3”	KSO3X3A
250 - 1,000	946 - 3,785	3”	PN16	3”	3”	KSO3X3P
250 - 1,000	946 - 3,785	3”	ANSI	4”	4”	KSO4X4A
250 - 1,000	946 - 3,785	3”	PN16	4”	4”	KSO4X4P

[1] Flow rates based on nozzle inlet pressure of 100 psi (6.89 bar)
[2] Flow rate with water or foam solution

Please refer to technical data page for complete ordering instructions

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Note: This document contains basic product information only. Information, photos and drawings are not contractually binding.
In all cases, the manufacturer's full technical documentation (see "Related Documents" above) remains the reference document.
Note that certificates, test reports and approvals may be published in the OEM name.
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