

ST35-30 Oil Separator Tank

Technical datasheet

TECHNICAL SPECIFICATION	METRIC	IMPERIAL
Capacity min/max	6.5 / 30 m ³ /min	230 / 1060 cfm
Min/ max operating pressure	8 / 35 barg	116 / 522 psig
Pressure drop at max capacity and pressure	0,32 bar	4.64 psig
Oil flow, max	370 l/min	98 gal US/min
Oil quantity, min/ max	46 / 65 liter	12 / 17 gallon US
Weight	310 kg	683 lbs
Pressure relief valve opening point	35,5 bar	515 psig
Working temperature	+0...+130° C	+32...+266° F
Seperator elements, in to out		3 pcs
Oil carryover		<3 mg/m ³ *
Max tilt angle		20°
Oil level glass	Visual, explosion proof	
Available approvals	PED / multiapproval (ASME+CRN+AS1210)	
Dimensions WxLxH	ø457mm x 1762 mm	ø18 x 69 in

OPTIONS		
Capacity oil level sensors	Supply voltage	8 ... 9 V DC
	Current supply (state OFF / ON) - NAMUR	≤ 1 mA / ≥ 2,2 mA
	Max. internal values	Ui = 12 V DC; Ii = 15 mA; Pi = 45 mW; Ci = 15 nF; Li = 10 µH
	Coupling capacity / Electric strength	44 nF / 250 V AC
Reference value of LC parameters of used cable	Typical C < 150 pF/m Typical L < 0,8 µH/m	

*) Internal performance tests reached 0.8 mg/m³ oil carry over with our CF1000H air end.

For more information on this product or on the complete line of our solutions, visit <https://www.ingersollrand.com/en-us/oem-solutions>