

Description

Application

Indicates the oil level and the oil temperature in hydraulic oil or lubricant reservoirs.

Design and function

ARGO-HYTOS oil level gauges consist of a robust metal housing equipped with a sight level tube and built-in thermometer. The fluid enters the thermometer chamber through the mounting bolts, which are hollow. O-rings provide a seal against the housing and the reservoir wall.

Special features

- The robust metal housing is designed to withstand even the most severe operating conditions.
- The integrated scale shows the oil temperature in °C and °F.

Mounting

The hollow screws and the locking nuts supplied with the gauge, enable installation on the reservoir wall by using two bores.

The locking nuts serve the purpose of retightening the bolts from the outside (assembly torque: 8 Nm).

Threaded holes are required instead of smooth bore holes if the wall of the reservoir is more than 8,5 mm resp. 5 mm thick.

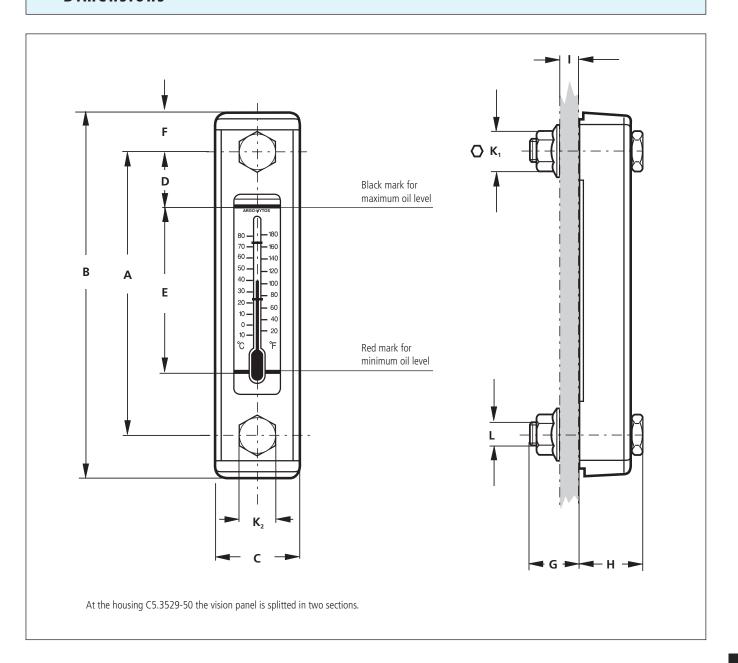
Selection Chart

			ngeE	ndicating lange Temperature	- d range		
	/	wel indicating to	idht B	adicating	ndicating	abolts	
Part No	oil le	Total Total	height B	Temperatu	Mon	ting bolts Weid	nt Remarks
	mm	mm	°C	°F		kg	
1	2	3	4	5	6	7	8
		100					
C5.3511-50	33	108	+20 +80	80 180	M 10	0,18	-
C5.3516-50	74	159	-10 +80	20 180	M 12	0,24	-
C5.3529-50	194	285	-10 +80	20 180	M 12	0,32	-

Remarks:

The gauges listed in the chart are standard gauges. If modifications are required, we kindly ask for your request.

Dimensions



Measurements

Туре	А	В	С	D	E	F	G	Н	l max.	K ₁	K ₂	L
C5.3511-50	76	108	34,5	22,5	33	16	17	28	8,5	15	17	M10
C5.3516-50	127	159	34,5	27,5	74	16	17	28	5	18	17	M12
C5.3529-50	254	286	34,5	31	194	16	17	28	5	18	17	M12

Characteristics

Operating pressure

Max. 2 bar (abs.)

Connection

Threaded ports according to DIN 13. Sizes see Selection Chart, column 6 and section Dimensions.

Hydraulic fluids

Mineral oil and biodegradable fluids (HEES and HETG, see info-sheet 00.20)

Temperature range

- 20°C ... + 80°C

Ambient temperature range

- 25°C ... + 80°C

Materials

Housing: Steel, powder coated, black

Sight level tube: Polyamide Scale: Aluminium Thermometer: Glass

Bolts: Steel, zinc plated
Seals: NBR (FPM on request)

Mounting position

In the min./max. oil level range on the side wall of the hydraulic oil reservoir.

Quality Assurance

Quality management according to DIN EN ISO 9001

Various quality controls during the production process guarantee the leakfree function and solidity of our filters.

Our engineers will be glad to advice you in questions concerning filter application, selection as well as the cleanliness class of the filtered medium attainable under practical operating conditions.

Illustrations may sometimes differ from the original. ARGO-HYTOS is not responsible for any unintentional mistake in this specification sheet.



We produce fluid power solutions