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Oil level Gauges Series IL - Order Form

Fill out one order form for every type of level gauge

Customer	Order N°	Work order N°	Customer Dwg. N°	N° pieces

1 Instrument type - Cross instrument type

IL 140	IL 220	IL 320
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2 Conservator layout - Cross conservator layout and fill out requested data

2.1 Layout to drawing N° 11/T

Level gauges with transversal float arm

T1	T2	T3		D	E

2.2 Layout to drawing N° 11/L1-2-3

Level gauges with longitudinal float arm, conservator without airbag

L1	L2	L3		D	A	B

2.3 Layout to drawings N° 11/A1 - 11/A2 - 11/A3-A4 - 11/A5 - 11/A6

Level gauges with longitudinal float arm, conservator with airbag

A1	A2	A3	A4	A5	A6		D	A	B	alfa α

3 Wiring diagram and cable entry

Write name of wiring diagram choosing from specification N° 11SCHxx

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Standard cable entry is 3/4" G - Specify different dimension if needed

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Brass cable gland - Cross choice

YES	NO
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4 Marks on dial and oil levels

Write marks requested on dial and at least 2 corresponding oil levels.

Mark							
Oil Level							

5 Notes:

Conservators are presumed cylindrical; for rectangular conservators indicate base and height; for other shapes supply drawing. For installation with longitudinal float arm conservator length or dimensions B for layout type A2 is presumed not less than conservator diameter D + 200 mm.

Hmin - Hmax = Oil level at minimum - maximum temperature; HR = Oil level at filling temperature

Specification N° :

Product :

Page N° :

11ILSCHR06-E

Oil level gauges Series IL

2 of 3

Title :

Revision N° :

Performance and description of contacts and wiring diagrams

06 – 02/2014

3.0 Tables of function and performance of wiring diagrams

The most commonly used wiring diagrams are described in detail in the following tables; the following notes describe the acronyms.

NE = Normal exercise; oil level in conservator is higher than minimum and lower than maximum

N° Term. = Numbers that identify the terminals

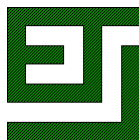
N° WD = Wiring diagram number

Pos. in NE = State of the contact in normal exercise.

NO = normally open; **NC** = normally closed; **CO** = changeover

3.1 Table

N° WD	N° Term.	Pos. in NE	Functional description of wiring diagram
11-000			Without contacts, only optical indication
11-101	1-2	Open	1 NO contact for minimum level, closes when level drops to minimum
11-102	1-2	Open	1 NO contact for maximum level, closes when level rises to maximum
11-111	1-2	Closed	1 NC contact for minimum level, opens when level drops to minimum
11-131	1-2	Open	1 CO contact for minimum level, switches when level drops to minimum
	1-3	Closed	
11-291	1-2/4-5	Open	2 CO contacts for minimum level, switch when level drops to minimum
	1-3/4-6	Closed	
11-293	1-2	Open	1 CO contact for minimum level, switches when level drops to minimum
	1-3	Closed	
	4-5	Open	1 CO contact for maximum level, switches when level rises to maximum
	4-6	Closed	
11-294	1-2	Open	1 CO contact for low level, switches when level drops to low - alarm function
	1-3	Closed	
	4-5	Open	1 CO contact for minimum level, switches when level drops to minimum - trip function
	4-6	Closed	
11-394	1-2	Open	1 CO contact for low level, switches when level drops to low - alarm function
	1-3	Closed	
	4-5/7-8	Open	2 CO contact for minimum level, switch when level drops to minimum - trip function
	4-6/7-9	Closed	
11-395	1-2/4-5	Open	2 CO contacts for minimum level, switch when level drops to minimum
	1-3/4-6	Closed	
	7-8	Open	1 CO contact for maximum level, switches when level rises to maximum
	7-9	Closed	
11-395-S	1-2	Open	1 CO contact for minimum level, switch when level drops to minimum – trip function
	1-3	Closed	
	4-5	Open	1 CO contact for low level, switch when level drops to low – alarm function
	4-6	Closed	
	7-8	Open	1 CO contact for maximum level, switches when level rises to maximum – alarm function
	7-9	Closed	



ETI-Elettrindustria srl

EQUIPAGGIAMENTO TRASFORMATORI ITALIA

T: +39 0245475074 | F: +39 0245475787

E-mail: cobETI@eti-elettrindustria.it

Website: www.eti-elettrindustria.it

Specification N° :

Product :

Page N° :

11ILSCHR06-E

Oil level gauges Series IL

3 of 3

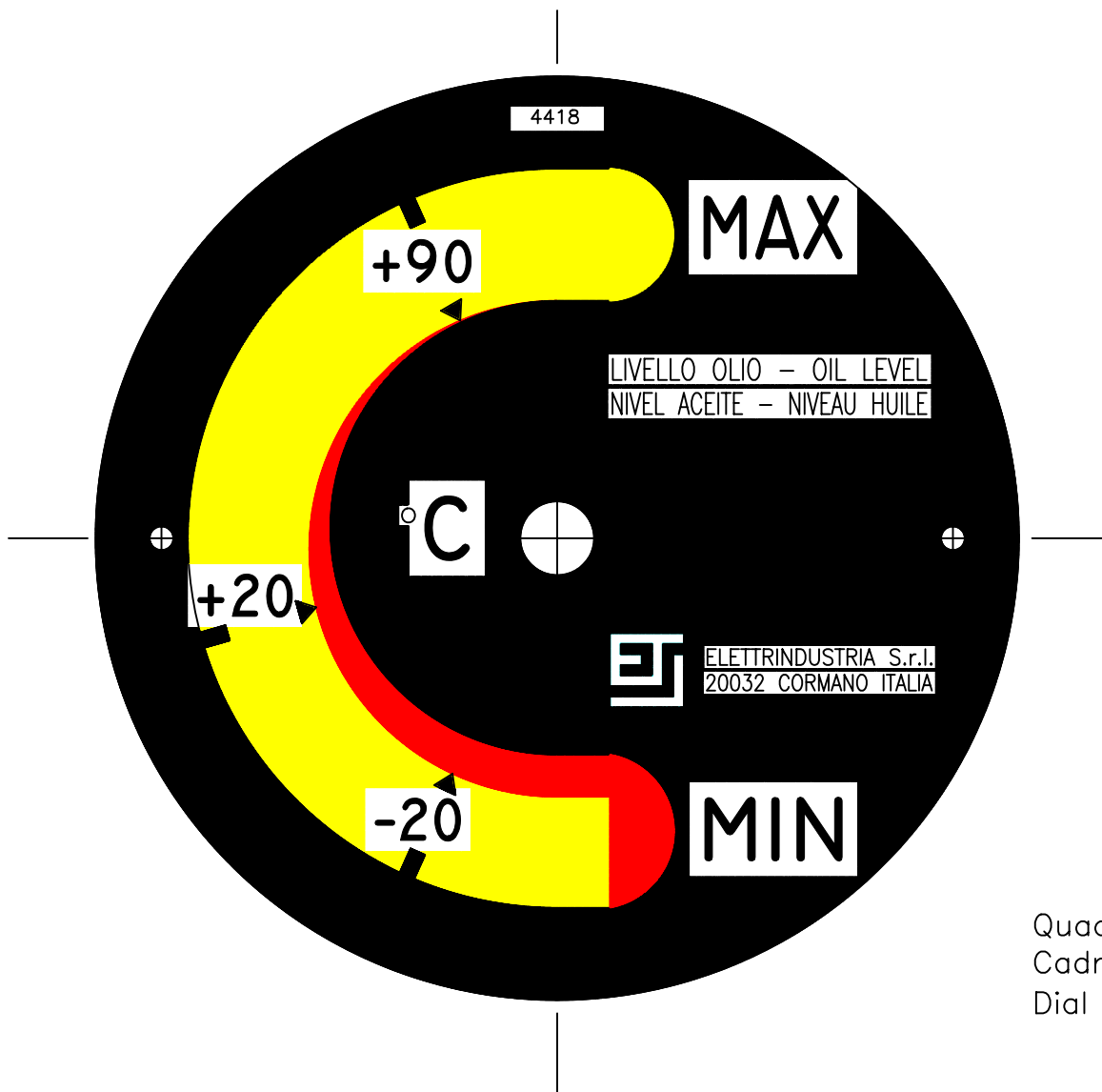
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Revision N° :

Performance and description of contacts and wiring diagrams

06 – 02/2014

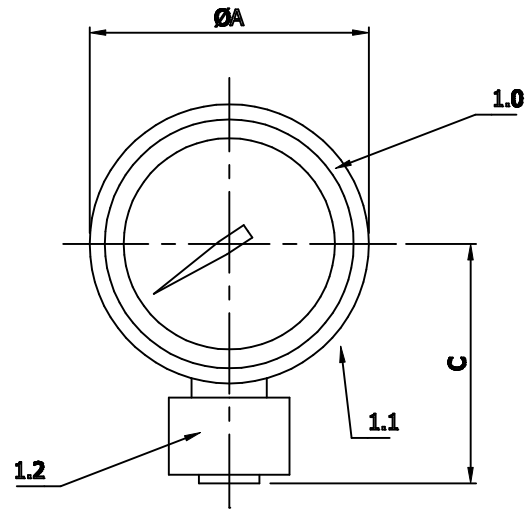
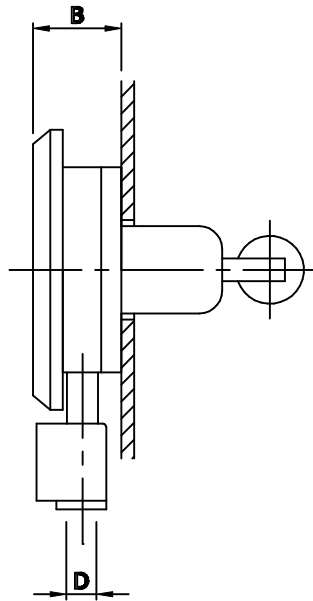
N° WD	N° Term.	Pos. in NE	Functional description of wiring diagram
11-404	1-2/3-4	Open	2 NO contacts for low level, close when level drops to low - alarm function
	5-6/7-8	Open	2 NO contacts for minimum level, close when level drops to minimum - trip function
11-405	1-2/3-4	Open	2 NO contacts for minimum level, close when level drops to minimum
	5-6/7-8	Open	2 NO contacts for maximum level, close when level rises to maximum
11-406	1-2	Open	1 normally open contact for min level, close when level drops to min - trip function
	3-4	Open	1 normally open contact for low level, close when level drops to low - alarm function
	5-6	Open	1 normally open contact for high level, close when level rises to high - alarm function
	7-8	Open	1 normally open contact for max level, close when level rises to max - trip function



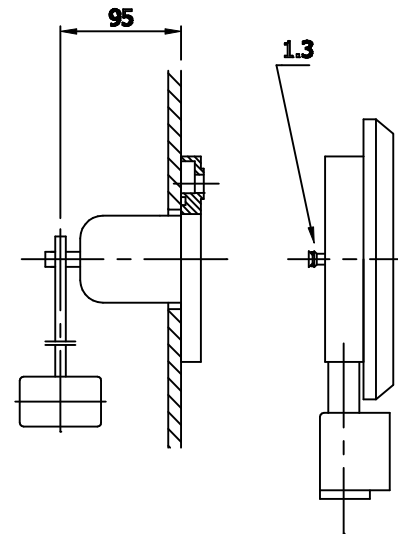
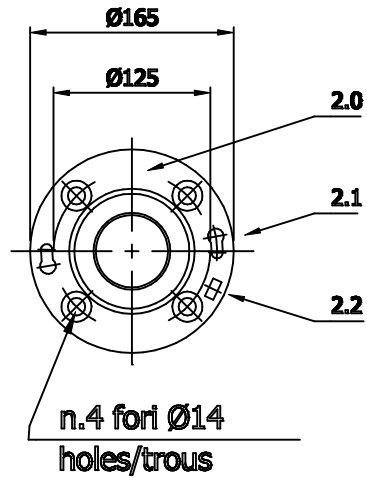
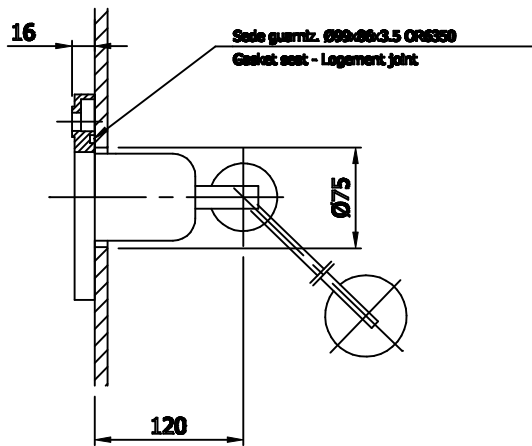
Quadrante fondo NERO , scritte GIALLO
 Cadran fond NOIR , inscriptions JAUNE
 Dial bottom BLACK , inscriptions YELLOW

N.rev	Nota sulla revisione	Data	Signature	Controllo
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Rif.	Quantità	Titolo/Nome, designazione, materiale, dimensione, etc.			N. articolo/Interno	
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Riproduzione vietata				Non misurare le quote dal disegno		

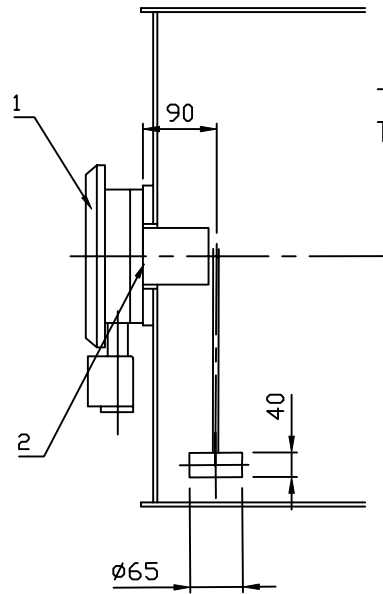


Tipo-Type	A	B	C	D
IL140	160	75	165	a richiesta MIN 1/2" PG13 MAX 3/4" PG21
IL220	225	75	200	
IL320	330	80	255	

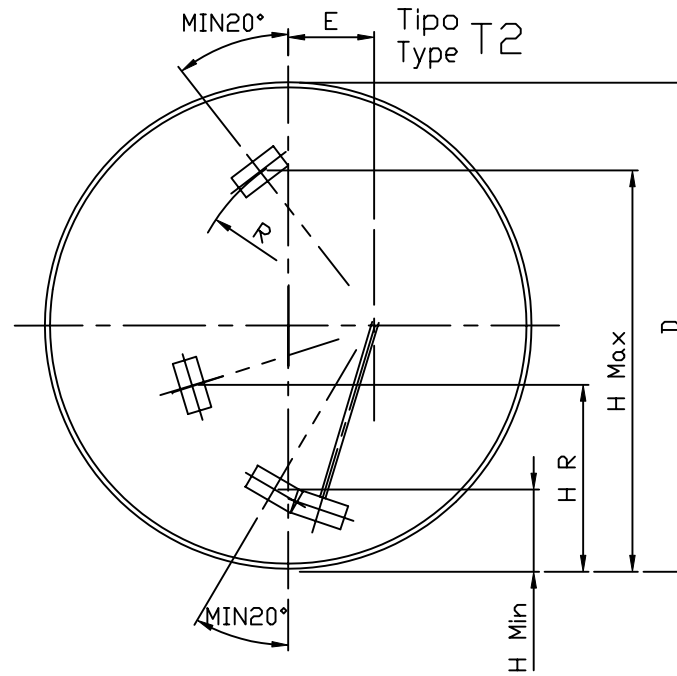


B	Diametro foro ø75 era ø80	03/01/08	GL	
A	Quota "B" per pos.1 e 2 era 70 e per pos.3 era 75	12/07/01	GL	
N.rev	Nota sulla revisione	Data	Signatura	Controllo

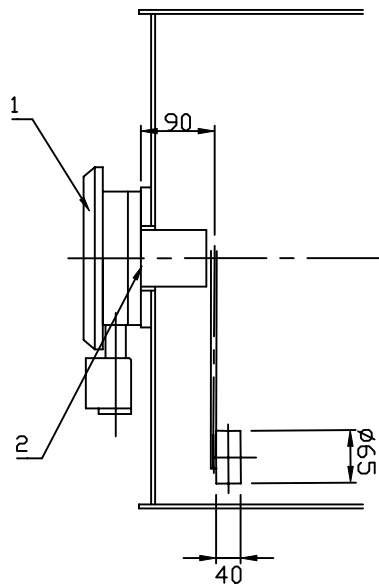
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				Numero disegno	Modifica	Foglio
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Tipo T1 - T2
Type T1 - T2



Tipo T2
Type T2



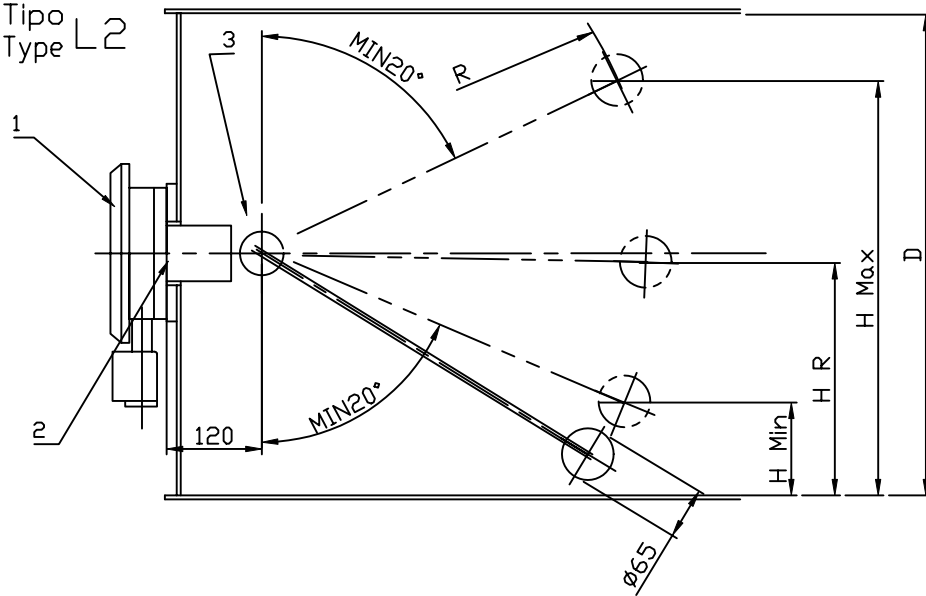
Tipo T3
Type T3

Tipo T1 - E = 0
Type T1 - E = 0

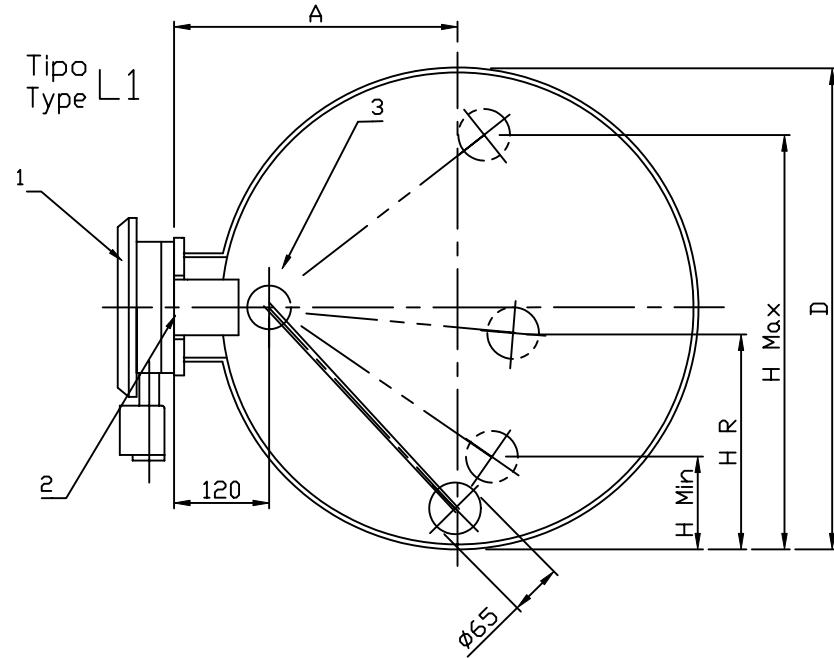
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Numero disegno			11/T		Modifica	Foglio
Riproduzione vietata Non misurare le quote dal disegno						

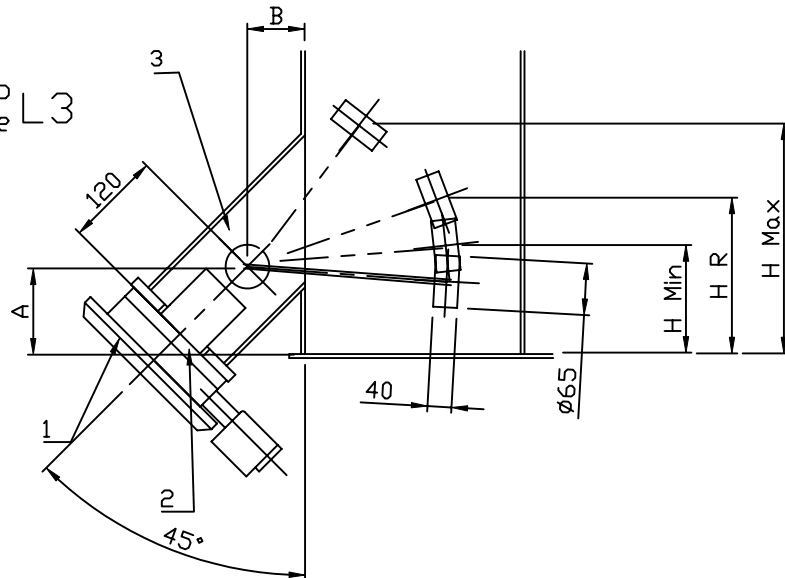
Tipo L2
Type L2




Tipo L1
Type L1

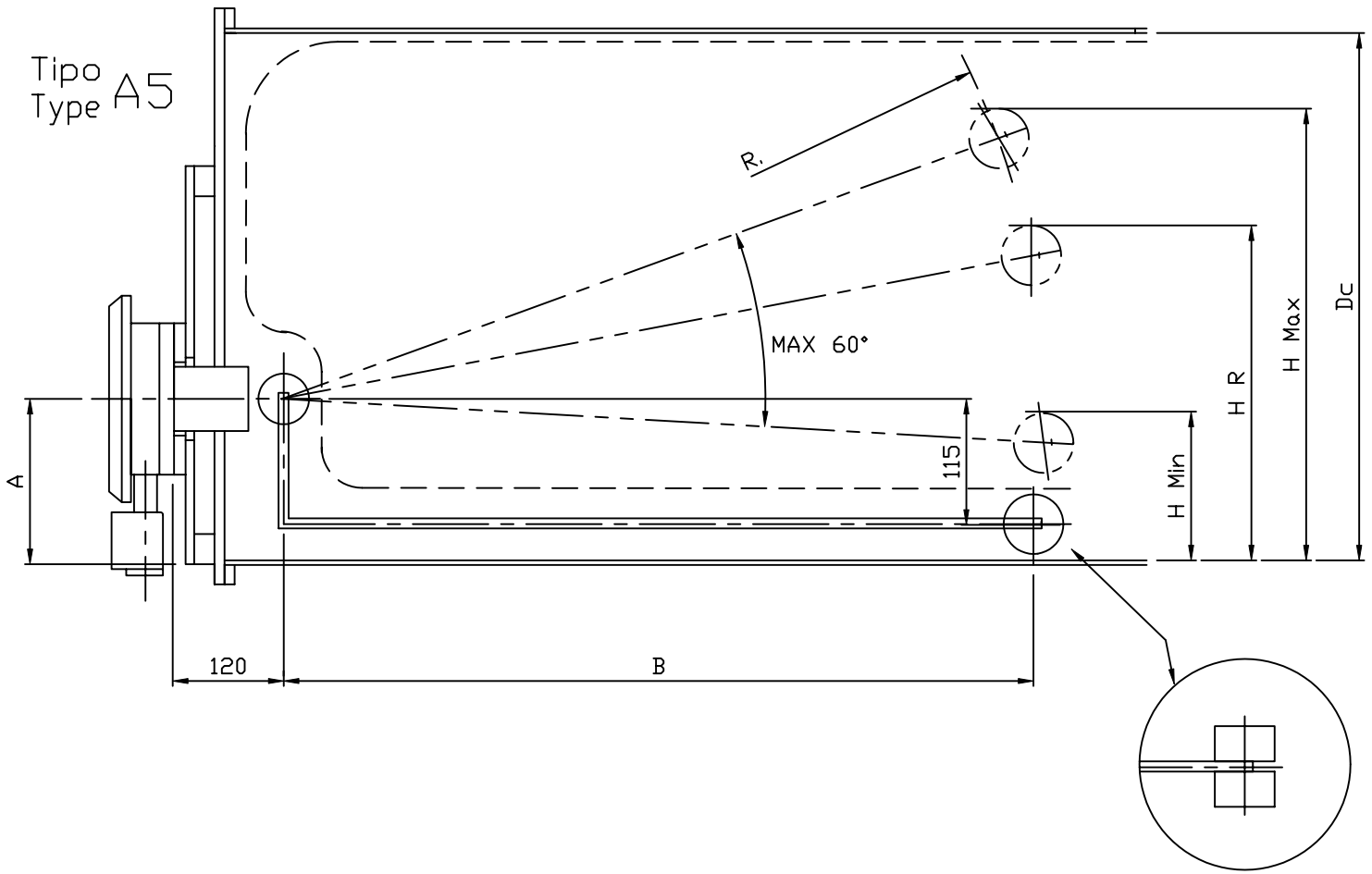


Tipo L3
Type L3



B	Aggiunto angolo 45° su tipo L3	09/05/01	GL	
N.rev	Nota sulla revisione	Data	Signatura	Controllo

Rif.	Quantità	Titolo/Nome, designazione, materiale, dimensione, etc.			N. articolo/Riferimento	
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				Numero disegno	Modific	Foglio
11/L1-2-3		B				
Riproduzione vietata Non misurare le quote dal disegno						



Rif.	Quantità	Titolo/Nome, designazione, materiale, dimensione, etc.			N. articolo/Riferimento	
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N.rev	Nota sulla revisione	Data	Signatura	Controllo
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