

## Rotork Gear Operators & Optional Gearbox Equipment

This declaration of conformity for the **Gear Operators:**

**IB, HOB, IS, IW, MOW, MTW, HOW, AB, 232, 242, ILG/S, ILG/D, W100, AB-CS PR, ABM, AB-SS, BR, M, MF, SD, A, H**

And optional **Gearbox Mechanical Equipment:**

**IR, AS, Lever Arm, Travelling Nut, TCU, MABD, ECL, DSIR, MPR**

Is issued under the sole responsibility of **Rotork UK Ltd.** for equipment manufactured at the following locations:

**Rotork UK Limited**  
9 Brown Lane West  
Leeds  
LS12 6BH  
UNITED KINGDOM

**Rotork Gears BV**  
Postbus 98  
7580 AB  
Losser  
THE NETHERLANDS

**Rotork Controls Inc.**  
675 Mile Crossing Boulevard  
Rochester  
New York 14624  
USA

**Rotork Flow Technology  
(Suzhou) Co.Ltd,** Building A,  
No 88, Yinhe Road, Eastsouth  
Street, Changshu, Jiangsu  
Province, PRC.  
CHINA

**Rotork Gears India**  
165/166 Bommasandra Jigani  
Link Road  
Kiadb Industrial Area  
Jigani, Bangalore 562106  
INDIA

The objects of the declaration described, and their derivatives are in conformity with the relevant European Union harmonisation legislation:

**Directive 2014/34/EU on equipment for potentially explosive atmospheres (ATEX)**

A presumption of conformity is claimed using the following harmonised standards:

**EN IEC 60079-0:2018  
EN ISO 80079-36:2016,  
EN ISO 80079-37:2016 and  
EN 1127-1:2019**

Where the referenced standards are no longer harmonised, an analysis against the current harmonised standard indicates no changes that affect the products compliance with the directive Essential Health and Safety Requirements.

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# EU Declaration of Conformity



## Rotork Gear Operators & Optional Gearbox Equipment

Provisions of the Directive fulfilled by the Equipment:

### Standard Temperature Duty:

II 2 GD

Ex h IIC T3 Gb, down to  $-40^{\circ}\text{C} \leq T_a \leq$  up to  $120^{\circ}\text{C}$

Ex h IIIC T200 $^{\circ}\text{C}$  Db, down to  $-40^{\circ}\text{C} \leq T_a \leq$  up to  $120^{\circ}\text{C}$

or

Ex h IIC T4 Gb, down to  $-40^{\circ}\text{C} \leq T_a \leq$  up to  $70^{\circ}\text{C}$

Ex h IIIC T135 $^{\circ}\text{C}$  Db down to  $-40^{\circ}\text{C} \leq T_a \leq$  up to  $70^{\circ}\text{C}$

or

Ex h IIC T5 Gb, down to  $-40^{\circ}\text{C} \leq T_a \leq$  up to  $35^{\circ}\text{C}$

Ex h IIIC T100 $^{\circ}\text{C}$  Db down to  $-40^{\circ}\text{C} \leq T_a \leq$  up to  $35^{\circ}\text{C}$

or

Ex h IIC T6 Gb, down to  $-40^{\circ}\text{C} \leq T_a \leq$  up to  $20^{\circ}\text{C}$

Ex h IIIC T85 $^{\circ}\text{C}$  Db, down to  $-40^{\circ}\text{C} \leq T_a \leq$  up to  $20^{\circ}\text{C}$

### Low Temperature Duty:

II 2 GD

Ex h IIC T4 Gb, down to  $-60^{\circ}\text{C} \leq T_a \leq$  up to  $70^{\circ}\text{C}$

Ex h IIIC T135 $^{\circ}\text{C}$  Db, down to  $-60^{\circ}\text{C} \leq T_a \leq$  up to  $70^{\circ}\text{C}$

or

Ex h IIC T5 Gb, down to  $-60^{\circ}\text{C} \leq T_a \leq$  up to  $35^{\circ}\text{C}$

Ex h IIIC T100 $^{\circ}\text{C}$  Db, down to  $-60^{\circ}\text{C} \leq T_a \leq$  up to  $35^{\circ}\text{C}$

or

Ex h IIC T6 Gb, down to  $-60^{\circ}\text{C} \leq T_a \leq$  up to  $20^{\circ}\text{C}$

Ex h IIIC T85 $^{\circ}\text{C}$  Db, down to  $-60^{\circ}\text{C} \leq T_a \leq$  up to  $20^{\circ}\text{C}$

### High Temperature Duty:

II 2 GD

Ex h IIC T2 Gb, down to  $-20^{\circ}\text{C} \leq T_a \leq$  up to  $150^{\circ}\text{C}$

Ex h IIIC T300 $^{\circ}\text{C}$  Db, down to  $-20^{\circ}\text{C} \leq T_a \leq$  up to  $150^{\circ}\text{C}$

### Extra High Temperature Duty :

II 2 GD

Ex h IIC T2 Gb, down to  $-20^{\circ}\text{C} \leq T_a \leq$  up to  $200^{\circ}\text{C}$

Ex h IIIC T300 $^{\circ}\text{C}$  Db, down to  $-20^{\circ}\text{C} \leq T_a \leq$  up to  $200^{\circ}\text{C}$

Conformity has been demonstrated with reference to the following documentation:

ATEX Technical File:

**DOC-10554**

Notified Body Receipt:

**Baseefa03ATEX0555DR**

ATEX Notified Body holding the technical file:

**SGS Fimko Oy,**

**Takomotie 8,**

**FI-00380 Helsinki,**

**Finland**

**(EU Notified Body Number: 0598)**

Signed for and on behalf of:

Rotork UK, Leeds UK. 5<sup>th</sup> August 2024

Paul Blackman – Plant Manager.

Rotork UK Ltd.

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