

(1)

EU TECHNICAL FILE RECEIPT**Internal Production Control Procedure**

(2) Receipt of document regarding equipment for use in Potentially Explosive Atmospheres
Directive 2014/34/EU

(3) Technical File Number: **IEP.FN.EX.30034**

Application date: **17.07.2024**

(4) Product: **RX2 Series Pneumatic Actuators**

This document applies for Nonelectrical Equipment intended use in potentially explosive atmospheres.

(5) Firm Name: **VARNASAN VANA Sanayi ve Ticaret A.Ş.**

(6) Office Address : **Bostancı Yolu Kuru Sokak No: 16 Y.Dudullu Ümraniye, İstanbul – TÜRKİYE**

Production Address : **Çerkeşli OSB Mahallesi İMES-2 Cad. B Blok No:5 Dilovası, Kocaeli - TÜRKİYE**

(7) IEP Uluslararası Enerji Petrol Gözetim, Sertifikasyon ve Teknik Hizmetler Organizasyonu Tic. Ltd. Sti, in accordance with Article 17 of the Directive 2014/34/EU confirms the receipt of documents regarding equipment intended for use in potentially explosive atmosphere, as required by article 13.1.b.ii and Annex II of the same directive.

(8) Classification:  **II 2G Ex h IIC T5 Gb, II 2D Ex h IIC T 135°C Db**

(9) IEP does not make any kind of check on the completeness and correctness of the documents forming the Technical File. IEP holds the Technical File for at least ten years from the date of the last manufactured apparatus. In case of lack of a written acknowledgement from the manufacturer about the intention of maintaining the Technical File deposit, IEP will hold the TECHNICAL FILE in Its archives for 10 years, starting from the date this receipt is issued. This receipt can be reproduced only entirely and with no change.

First publication date

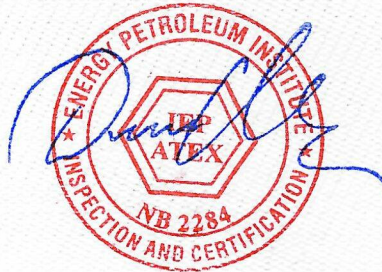
: 10.03.2025

Last date of retention

: 10.03.2035

Responsible Person :

Nurettin Terzioğlu
Head of Certification Body





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(10) Schedule (IEP.FN.EX.30034)

(11) Description of Equipment; Product Coding System

RXXXX.XX.XX.XXX.XXX

		<u>FLANGE TYPE (OUTER)</u>	
Single flange	000		
Ø50	050		
Ø70	070		
Ø102	102		
Ø140	140		
		<u>FLANGE TYPE (INNER)</u>	
Ø36	036		
Ø42	042		
Ø50	050		
Ø70	070		
Ø102	102		
Ø125	125		
Ø140	140		
Ø165	165		
		<u>SQUARE HEAD DIMENSION</u>	
09	17	36	
11	22		
14	27		
		<u>TYPE</u>	
SR	SPRING RETURN		
DA	DOUBLE ACTING		
3P	3 POSITION 90° TURN		
8D	180° TURN		
2D	120° TURN		
8P	3 POSITION 180° TURN		
		<u>BODY DIMENSION</u>	
032	080	143	270
040	100	160	350
060	120	200	
		<u>SPECIFICATION</u>	
		RX2 EXPROOF	

(12) Technical Details;

Pneumatic Actuator	Operating Pressures[bar]		Torques[Nm]	
	Min	Max	Min	Max
Double Acting	2,5	8	2	6898
Spring Return	4	8	0,4	4857,3

Working temperature : (- 20 ; + 80) °C
IP Protection : IP 67

Responsible Person:

Nurettin Terzioglu
Head of Certification Body



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(13) Schedule (IEP.FN.EX.30034)

(14) List of Documentation;

RX2 Series Pneumatic Actuators series user manual date 01.2025 (9 pages)

Drawing Nr	Date	Drawing Nr	Date	Drawing Nr	Date
V-GVD17AK00032-10	11.03.2024	V-MIL20AK080X17-01	11.03.2024	MIL20AK190X36	11.03.2024
V-KPK17AKDA032-01	11.03.2024	V-PST16AK000080-01	11.03.2024	PST17AK000190	11.03.2024
V-MIL20AK032X09-01	11.03.2024	Torque -100SR	11.03.2024	Torque-200SR	11.03.2024
V-PST17AK00032-01	11.03.2024	V-GVD01AK000100-10	11.03.2024	V-GVD01AK000200-10	11.03.2024
Torque -52SR	11.03.2024	V-KPK16AKSAG100-01	11.03.2024	V-KPK16AK200-01	11.03.2024
V-GVD01AK000060-20	11.03.2024	V-KPK16AKSOL100-01	11.03.2024	V-MIL20AK200X32-01	11.03.2024
V-KPK16AKSAG052-01	11.03.2024	V-MIL20AK100X22-01	11.03.2024	V-PST16AK000200-01	11.03.2024
V-KPK16AKSOL052-01	11.03.2024	V-PST16AK000100-01	11.03.2024	GVD36AK000140	11.03.2024
V-MILAKT06011	11.03.2024	Torque -120SR	11.03.2024	KPK17AKDA0210	11.03.2024
V-PST16AK000060-01	11.03.2024	V-GVD01AK000120-10	11.03.2024	MIL20AK210X36	11.03.2024
Torque -60SR	11.03.2024	V-KPK16AK120-01	11.03.2024	PST17AK000210	11.03.2024
V-GVD01AK000060-20	11.03.2024	V-MIL20AK120X22-01	11.03.2024	GVD46AK000165	11.03.2024
V-KPK16AKSAG060-01	11.03.2024	V-PST16AK000120-01	11.03.2024	KPK17AKDA0240	11.03.2024
V-KPK16AKSOL060-01	11.03.2024	Torque -140SR	11.03.2024	MIL20AK240X46	11.03.2024
V-MIL20AK060X14-01	11.03.2024	V-GVD17AK000143-10	11.03.2024	PST17AK000240	11.03.2024
V-PST16AK000060-01	11.03.2024	V-KPK17AKDA0143-01	11.03.2024	GVD46AK000165	11.03.2024
Torque -75SR	11.03.2024	V-MIL20AK143X22-01	11.03.2024	KPK17AKDA0270	11.03.2024
V-GVD01AK000080-10	11.03.2024	V-PST17AK000143-01	11.03.2024	KPK17AKDA0270-02	11.03.2024
V-KPK16AKSAG075-01	11.03.2024	Torque -160SR	11.03.2024	MIL20AK270X46	11.03.2024
V-KPK16AKSOL075-01	11.03.2024	V-GVD17AK000160-10	11.03.2024	PST17AK000270	11.03.2024
V-MIL20AK080X14-01	11.03.2024	V-KPK17AKDA0160-01	11.03.2024	RX190DA36000140	11.03.2024
V-PST16AK000080-01	11.03.2024	V-MIL20AK160X27-01	11.03.2024	RX210DA36000140	11.03.2024
Torque -80SR	11.03.2024	V-PST17AK000160-01	11.03.2024	RX240DA46000165	11.03.2024
V-GVD01AK000080-10	11.03.2024	GVD36AK000140	11.03.2024	RX270DA46000165	11.03.2024
V-KPK16AKSAG080-01	11.03.2024	KPK17AKDA0190-01	11.03.2024	-	-
V-KPK16AKSOL080-01	11.03.2024	KPK17AKDA0190-02	11.03.2024	-	-

(15) RX2 Series Pneumatic Actuators series are indicated in the parts list 3 01.02.2025 dated. All used parts are the same as other types.

X: To be used to the exproof equipment for the actuator.

This certificate is in the contents of standards that mentioned in item [9] It has been accepted that RX2 Series Pneumatic Actuators series are manufactured according to the producer instructions and the standards mentioned above. Production of the declaration given by the company.

Responsible Person:

Nurettin Terzioğlu

Head of Certification Body

Date of Issue : 10.03.2025



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