

Declaration of Performance



N° PL – DoP – DGACV / DFACV – 2026 – 02

Identification of the product-type : DGACV
 Size : 3"/DN80 Size: 4"/DN100 Size: 6"/DN150 Size: 8"/DN200
 DFACV
 Size : 3"/DN80 Size: 4"/DN100 Size: 6"/DN150 Size: 8"/DN200

Intended use : Dry Alarm Check Valve for Fixed Firefighting Systems

Manufacturer : Plant W-01

Authorised representative : Piping Logistics BV

System of AVPC : System 1

Harmonised standard : EN 12259-3:2000/A1:2001; EN 12259-3:2000/A2:2005

Notified Body : 1922 – CPR – 2098
 NoBo N° 1922 + Dedal

Declared performance :

Nº	Requirement / Essential characteristic	Clause from EN 12259-3	Method / Annex from EN 12259-3	Performance
1	Response delay (response time)	4.10.4 a), 5.8.1.2	E3, E4.2	pass
2	Operational reliability			
	Differential type dry alarm valves	4.2.2		N/A
	Rated working pressure	4.3		pass
	Body and cover materials	4.4.1.1		pass
	Configuration	4.4.2	B	pass
	Strength	4.4.3	C1, C2	N/A
	Intermediate chamber	4.5.1, 4.5.2.1, 4.5.2.3, 4.5.2.4		pass
	Access for maintenance	4.6.1		pass
	Materials for seat rings and bearing surfaces	4.6.4		pass
	Anti-reset latch	4.6.5	E3, E4, D3	pass
	Sealing assembly elements	4.8	E3, H	pass
	Clearance	4.9	E3, E1, E2	pass
	Resistance of body to leakage and deformation	4.10.1	E1	pass
	Resistance of sealing assembly to leakage and deformation	4.10.2	E2.1	pass
	Resistance to reverse flow and deformation	4.10.3	E2.2	pass
	Operational characteristics	4.10.4 c), 4.10.4 e)	E3	pass
	Leak resistance	4.12	G	pass
	Rated working pressure	5.1		pass

	Installation pressure leak resistance	5.2		
	Body and cover materials	5.3.1.1		pass
	Strength and leak resistance	5.3.2.1; 5.3.2.2	K	
	Access for maintenance	5.5.1		pass
	Elements in relative motion	5.5.4		
	Strainer	5.7		
	Operational characteristics	5.8.1.1; 5.8.1.3; 5.8.1.4 5.8.2	E4.1, E4.2	
	Equilibrium time	5.8.2	E5	
3	Performance parameters under fire conditions			
	Resistance to damage of sealing assemblies	4.6.3	E3, D2	pass
	Operational characteristics	4.10.4 b), 4.10.4 d)	E3	pass
	Pressure lost due to hydraulic friction	4.11	C3	pass
	Resistance to damage	5.5.3	E4	pass
4	Durability od response delay			
	Fatigue resistance of springs and diaphragms	4.6.2	D1	pass
	Endurance	4.13	I	pass
5	Springs and diaphragms	5.5.2	D1	
	Durability of operating reliability, aging of non-metallic components			
6	Non-metallic components (excluding gaskets and seals)	4.7;5.6	F,G,I	pass
	Durability of operational reliability, fire exposure			
	Body and cover materials	4.4.1.2. 5.3.1.2	K	pass

Appropriate Technical Documentation : Technical Datasheet DFACV & DGACV (by Piping Logistics)

The performance of the product(s) identified above is in conformity with the set of declared performances. This Declaration of Performance is issued, in accordance with Regulation (EU) N° 305/201, under the sole responsibility of the representative identified above.

Signed for and on behalf of the manufacturer by :

Name : Thomas Helin
 At : Erembodegem-BELGIUM
 Date : 26/01/2026
 Signature :



CERTIFICATE

of constancy of performance

1922 - CPR - 2098

In compliance with Regulation (EU) 305/2011 of the European Parliament and of the Council of 9 March 2011 (the Construction Products Regulation or CPR), this certificate applies to the construction product

Fixed firefighting systems - Components for sprinkler and water spray systems. Dry alarm valve assemblies

(Types and tested characteristics described in Annex I which is an inseparable part of this certificate)

placed on the market under the name or trade mark of

Piping Logistics BV

Industrielaan 27, 9320 Erembodegem, Belgium

and produced in the manufacturing plant

Plant W-01

This certificate attests that all provisions concerning the assessment and verification of constancy of performance described in Annex ZA of the standard

EN 12259-3:2000/A1:2001; EN 12259-3:2000/A2:2005

under system 1 for the performance set out in this certificate are applied and that the factory production control conducted by the manufacturer is assessed to ensure the constancy of performance of the construction product.

This certificate was first issued on 29.12.2023 and will remain valid until 29.12.2026 as long as neither the harmonised standard, the construction product, the AVCP methods nor the manufacturing conditions in the plant are modified significantly, unless suspended or withdrawn by the notified product certification body. The certificate is supported through annual surveillance audit and is reissued after each surveillance audit. The validity of the certificate may be confirmed in the CE register at the web address www.dedal-bg.net.



ANNEX I TO CERTIFICATE OF CONSTANCY OF PERFORMANCE
1922-CPR-2098/ 02.12.2025, (page 1/1)

Type DGACV, PN16, Flange by Flange, Dry Alarm Valve Assemblies,
Nominal size: DN80, DN100, DN150, DN200

Type DFACV, PN16, Groove by Groove, Dry Alarm Valve Assemblies,
Nominal size: DN80, DN100, DN150, DN200

Nr	Requirement/ Essential characteristic	TEST		Performance
		Clause from EN 12259-3	Method/ Annex from EN 12259-3	
1	Response delay (response time)	4.10.4 a); 5.8.1.2	E 3, E 4.2	pass
	Operational reliability			
	Differential type dry alarm valves	4.2.2		N/A
	Rated working pressure	4.3		pass
	Body and cover materials	4.4.1.1		pass
	Configuration	4.4.2		pass
	Strength	4.4.3	B	pass
	Intermediate chamber	4.5.2.1; 4.5.2.2; 4.5.2.3; 4.5.2.4	C1, C2	N/A
	Access for maintenance	4.6.1		pass
	Materials for seat rings and bearing surfaces	4.6.4		pass
	Anti-reset latch	4.6.5	E3, E4, D3	pass
	Sealing assembly elements	4.8.	E3, H	pass
	Clearances	4.9	E3, E1, E2	pass
2	Resistance of body to leakage and deformation	4.10.1	E1	pass
	Resistance of sealing assembly to leakage and deformation	4.10.2	E2.1	pass
	Resistance to reverse flow and deformation	4.10.3	E2.2	pass
	Operational characteristics	4.10.4 c); 4.10.4 e)	E3	pass
	Leak resistance	4.12	G	pass
	Rated working pressure	5.1		pass
	Installation pressure leak resistance	5.2		
	Body and cover materials	5.3.1.1		pass
	Strength and leak resistance	5.3.2.1; 5.3.2.2	K	
	Access for maintenance	5.5.1		pass
	Elements in relative motion	5.5.4		
	Strainer	5.7		
	Operational characteristics	5.8.1.1; 5.8.1.3; 5.8.1.4	E4.1, E4.2	
	Equilibrium time	5.8.2	E5	
	Performance parameters under fire conditions			
	Resistance to damage of sealing assemblies	4.6.3	E3, D2	pass
3	Operational characteristics	4.10.4 b); 4.10.4 d)	E3	pass
	Pressure lost due to hydraulic friction	4.11	C3	pass
	Resistance to damage	5.5.3	E4	
	Durability of response delay			
4	Fatigue resistance of springs and diaphragms	4.6.2	D1	pass
	Endurance	4.13	I	pass
	Springs and diaphragms	5.5.2	D1	
5	Durability of operation reliability, aging of non metallic components			
	Non-metallic components (excluding gaskets and seals)	4.7; 5.6	F, G, I	N/A
6	Durability of operational reliability, fire exposure			
	Body and cover materials	4.4.1.2; 5.3.1.2	K	pass

