



EU DECLARATION OF CONFORMITY

Equipment	:	Air operated diaphragm for pump series DP, NDP, G And Pulsation Dampeners AD
Model	:	All models, list of models upon request
Serial No.	:	All
Name of company	:	Yamada Corporation
Address	:	1-1-3, Minami-Magome, Ota ku, Tokyo, 143-8504 Japan
Authorized representative and importer	:	Yamada Europe B.V.
Address	:	Aquamarijnstraat 50, 7554NS Hengelo (Ov.) the Netherlands



This declaration of conformity is issued under the sole responsibility of the manufacturer.
The object of the declaration described above in conformity with the relevant Union harmonisation legislation:

2006/42/EC - Machinery
EN-ISO 12100:2010
EN 809:1998+1A:2009 "pumps and pump units for liquids – Common safety requirements"

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2014/34/EU - ATEX
EN-ISO 80079-36 :2016
EN-ISO 80079-37:2016
EN IEC 60079-0:2018

DEKRA Certification BV (NL) notified body number 0344, performed the Product Type examination and issued the certificate: DEKRA 18ATEX0059X.

If the special indication "X" appears after the certification number on the certificate, the certificate contains special conditions for safe use.
Consult the instructions for use mentioned in the ATEX user guide and/or certificate of the pump models.

II 2G Ex h II* T* Gb
II 2G / 2D Ex h II* T* Gb / Ex h IIIC T 95°C Db

NDP-5FAT, NDP-5FAG, NDP-5FST, NDP-5FSG, NDP-5FVT, NDP-5FVG, NDP-5FDT, NDP-5FDG.

DP-10BAC, DP-10BAN, DP-10BAH, DP-10BAE, DP-10BAS, DP-10BAT, DP-10BAV, DP-10BATU, DP-10BAG.

DP-10BSC, DP-10BSN, DP-10BSH, DP-10BSE, DP-10BSS, DP-10BST, DP-10BSV, DP-10BSTU, DP-10BAG.

NDP-15BAC, NDP-15BAN, NDP-15BAH, NDP-15BAE, NDP-15BAS, NDP-15BAT, NDP-15BATU, NDP-15BAG, NDP-15BAV.
NDP-15BSC, NDP-15BSN, NDP-15BSH, NDP-15BSE, NDP-15BSS, NDP-15BST, NDP-15BSTU, NDP-15BSG, NDP-15BSV.
NDP-15FVC, NDP-15FVN, NDP-15FVH, NDP-15FVE, NDP-15FVS, NDP-15FVT, NDP-15FVTU, NDP-15FVG, NDP-15FVV.

NDP-20BAC, NDP-20BAN, NDP-20BAH, NDP-20BAE, NDP-20BAS, NDP-20BAT, NDP-20BATU, NDP-20BAG, NDP-20BAV.
 NDP-20BSC, NDP-20BSN, NDP-20BSH, NDP-20BSE, NDP-20BSS, NDP-20BST, NDP-20BSTU, NDP-20BSG, NDP-20BSV.
 NDP-23BATU, NDP-23BSTU.

NDP-25BAC, NDP-25BAN, NDP-25BAH, NDP-25BAE, NDP-25BAS, NDP-25BAT, NDP-25BATU, NDP-25BAG, NDP-25BAV.
 NDP-25BSC, NDP-25BSN, NDP-25BSH, NDP-25BSE, NDP-25BSS, NDP-25BST, NDP-25BSTU, NDP-25BSG, NDP-25BSV.
 NDP-25BFC, NDP-25BFN, NDP-25BFH, NDP-25BFE, NDP-25BFS, NDP-25BFT, NDP-25BFTU, NDP-25BFG, NDP-25BFV.
 NDP-25BVC, NDP-25BVC-FLG, NDP-25BVN, NDP-25BVN-FLG, NDP-25BVH, NDP-25BVH-FLG, NDP-25BVE, NDP-25BVE-FLG,
 NDP-25BVS, NDP-25BVS-FLG, NDP-25BVT, NDP-25BVT-FLG, NDP-25BVTU, NDP-25BVTU-FLG, NDP-25BVG, NDP-25BVG-FLG,
 NDP-25BVV, NDP-25BVV-FLG.

NDP-32BAC, NDP-32BAN, NDP-32BAH, NDP-32BAE, NDP-32BAS, NDP-32BAT, NDP-32BATU, NDP-32BAG, NDP-32BAV.

NDP-40BAC, NDP-40BAN, NDP-40BAH, NDP-40BAE, NDP-40BAS, NDP-40BAT, NDP-40BATU, NDP-40BAG, NDP-40BAV.
 NDP-40BSC, NDP-40BSN, NDP-40BSH, NDP-40BSE, NDP-40BSS, NDP-40BST, NDP-40BSTU, NDP-40BSG, NDP-40BSV.
 NDP-40BFC, NDP-40BFN, NDP-40BFH, NDP-40BFE, NDP-40BFS, NDP-40BFT, NDP-40BFTU, NDP-40BFG, NDP-40BFV.
 NDP-40BVC, NDP-40BVN, NDP-40BVH, NDP-40BVE, NDP-40BVS, NDP-40BVT, NDP-40BVTU, NDP-40BVG, NDP-40BVV.

NDP-50BAC, NDP-50BAN, NDP-50BAH, NDP-50BAE, NDP-50BAS, NDP-50BAT, NDP-50BATU, NDP-50BAG, NDP-50BAV.
 NDP-50BSC, NDP-50BSN, NDP-50BSH, NDP-50BSE, NDP-50BSS, NDP-50BST, NDP-50BSTU, NDP-50BSG, NDP-50BSV.
 NDP-50BFC, NDP-50BFN, NDP-50BFH, NDP-50BFE, NDP-50BFS, NDP-50BFT, NDP-50BFTU, NDP-50BFG, NDP-50BFV.
 NDP-50BVC, NDP-50BVN, NDP-50BVH, NDP-50BVE, NDP-50BVS, NDP-50BVT, NDP-50BVTU, NDP-50BVG, NDP-50BVV.
 NDP-50FAN.

NDP-80BAC, NDP-80BAN, NDP-80BAH, NDP-80BAE, NDP-80BAS, NDP-80BAT, NDP-80BATU, NDP-80BAG, NDP-80BAV.
 NDP-80BSC, NDP-80BSN, NDP-80BSH, NDP-80BSE, NDP-80BSS, NDP-80BST, NDP-80BSTU, NDP-80BSG, NDP-80BSV.
 NDP-80BFC, NDP-80BFN, NDP-80BFH, NDP-80BFE, NDP-80BFS, NDP-80BFT, NDP-80BFG, NDP-80BFV.

NDP-H40BAC, NDP-H40BAN, NDP-H40BAH, NDP-H40BAE, NDP-H40BAS, NDP-H40BAT, NDP-H40BAG, NDP-H40BAV.
 NDP-H40BSC, NDP-H40BSN, NDP-H40BSH, NDP-H40BSE, NDP-H40BSS, NDP-H40BST, NDP-H40BSG, NDP-H40BSV.
 NDP-H40BFC, NDP-H40BFN, NDP-H40BFH, NDP-H40BFE, NDP-H40BFS, NDP-H40BFT, NDP-H40BFG, NDP-H40BFV.
 NDP-H40BVC, NDP-H40BVN, NDP-H40BVH, NDP-H40BVE, NDP-H40BVS, NDP-H40BVT, NDP-H40BVG, NDP-H40BVV.

NDP-H50BAC, NDP-H50BAN, NDP-H50BAH, NDP-H50BAE, NDP-H50BAS, NDP-H50BAT, NDP-H50BAG, NDP-H50BAV.
 NDP-H50BSC, NDP-H50BSN, NDP-H50BSH, NDP-H50BSE, NDP-H50BSS, NDP-H50BST, NDP-H50BSG, NDP-H50BSV.
 NDP-H50BFC, NDP-H50BFN, NDP-H50BFH, NDP-H50BFE, NDP-H50BFS, NDP-H50BFT, NDP-H50BFG, NDP-H50BFV.
 NDP-H50BVC, NDP-H50BVN, NDP-H50BVH, NDP-H50BVE, NDP-H50BVS, NDP-H50BVT, NDP-H50BVG, NDP-H50BVV.

NDP-H80BAC, NDP-H80BAN, NDP-H80BAH, NDP-H80BAE, NDP-H80BAS, NDP-H80BAT, NDP-H80BAG, NDP-H80BAV.
 NDP-H80BSC, NDP-H80BSN, NDP-H80BSH, NDP-H80BSE, NDP-H80BSS, NDP-H80BST, NDP-H80BSG, NDP-H80BSV.
 NDP-H80BFC, NDP-H80BFN, NDP-H80BFH, NDP-H80BFE, NDP-H80BFS, NDP-H80BFT, NDP-H80BFG, NDP-H80BFV.

NDP-500BSC, NDP-500BSN, NDP-500BSH, NDP-500BSE, NDP-500BSS, NDP-500BST, NDP-500BSTU, NDP-500BSG, NDP-500BSV.
 NDP-H500BSC, NDP-H500BSN, NDP-H500BSH, NDP-H500BSE, NDP-H500BSS, NDP-H500BST, NDP-H500BSG, NDP-H500BSV.

G15AN00, G15AH00, G15AT00, G15AS00.

G15SN00, G15SH00, G15ST00, G15SS00.

G25AN00, G25AH00, G25AT00, G25AS00.

G50AN00, G50AN11, G50AH00, G50AH11, G50AT00, G50AT11, G50AS00, G50AS11.

AD-10AC, AD-10AN, AD-10AH, AD-10AE, AD-10AS, AD-10AT, AD-10AV.
 AD-10SC, AD-10SN, AD-10SH, AD-10SE, AD-10SS, AD-10ST, AD-10SV.

AD-25AC, AD-25AN, AD-25AH, AD-25AE, AD-25AS, AD-25AT, AD-25AV.
 AD-25SC, AD-25SN, AD-25SH, AD-25SE, AD-25SS, AD-25ST, AD-25SV.
 AD-25FC, AD-25FN, AD-25FH, AD-25FE, AD-25FS, AD-25FT, AD-25FV.
 AD-25VC, AD-25VN, AD-25VH, AD-25VE, AD-25VS, AD-25VT, AD-25VV.

AD-40AC, AD-40AN, AD-40AH, AD-40AE, AD-40AS, AD-40AT, AD-40AV.
 AD-40SC, AD-40SN, AD-40SH, AD-40SE, AD-40SS, AD-40ST, AD-40SV.
 AD-40FC, AD-40FN, AD-40FH, AD-40FE, AD-40FS, AD-40FT, AD-40FV.
 AD-40VC, AD-40VN, AD-40VH, AD-40VE, AD-40VS, AD-40VT, AD-40VV.

AD-50AC, AD-50AN, AD-50AH, AD-50AE, AD-50AS, AD-50AT, AD-50AV.
 AD-50SC, AD-50SN, AD-50SH, AD-50SE, AD-50SS, AD-50ST, AD-50SV.
 AD-50FC, AD-50FN, AD-50FH, AD-50FE, AD-50FS, AD-50FT, AD-50FV.
 AD-50VC, AD-50VN, AD-50VH, AD-50VE, AD-50VS, AD-50VT, AD-50VV.

DEKRA Certification B.V., Notified Body number 0344, has received and retains a copy of the technical documentation file DEKRA 18ATEX0059X.

Signed for and on behalf of

: Yamada Corporation

Place and date of issue

: Sagamihara Japan, 20th September 2025

Signed by

: Kotaro Yamada

Position

: Director Sagamihara-Factory

K. Yamada

ATEX CODING DESCRIPTION

Ex	II	2	G	Ex	h	IIC/B/A	T6...T4	Gb	D	IIIC	T95°C	Db
①	②	③	④	⑤	⑥	⑦	⑧	⑨	⑩	⑪	⑫	⑬

- ① Explosive atmospheres ATEX 114
- ② Equipment group II
- ③ Equipment intended for use in Zone 1 / 21
- ④ Gas
- ⑤ Explosive atmospheres
- ⑥ Constructional safety ("c") danger of inflammation is eliminated by good design (EN-ISO/-IEC 80079-37)
- ⑦ Gas Group IIC, IIB, or IIA
- ⑧ (T6 ≤ 85 °C) (T5 ≤ 100 °C) (T4 ≤ 135 °C) Temperature Class T6-T4
- ⑨ Equipment Protection Level (EPL) for Gas, zone 1
- ⑩ Dust
- ⑪ Dust Group IIIC, suitable for combustible flying's and non-conductive dust and conductive dust
- ⑫ Maximum surface temperature with respect to dust layers
- ⑬ Equipment Protection Level (EPL) for Dust, zone 21

SUITABILITY OF DIAPHRAGM MATERIALS

The relation between the diaphragm material and its suitability for use with the process liquid is given in the table below, based on the test method of EN ISO 80079-36, Annex D.

Diaphragm Material	Pump Size	Diaphragm Type	Suitable for Process Liquids of Gas Group
PTFE	80	T	IIA
PTFE	32, 40 and 50	T	IIB
PTFE	25 and smaller	T	IIC
TPO	80	S	IIB
TPO	all sizes except for 80	S	IIC
TPEE	all sizes	H	IIC
EPDM	all sizes	E	IIC
FKM	all sizes	V	IIC
NBR	all sizes	N	IIC
CR	all sizes	C	IIC
PTFE/EPDM	all sizes	TU	See Specific Conditions of Use
PTFE/CR	all sizes	G	See Specific Conditions of Use

SPECIFIC CONDITIONS OF USE

The user of the pump and dampener shall provide relevant information regarding the intended use (e.g. process liquid) to the manufacturer for selection of suitable materials.

The external non-metallic parts of the pumps and dampeners shall be protected from ultraviolet light by installation.

The actual use shall be within the specified limits and within the ratings as shown on the nameplate of the pumps and dampeners. Depending on the applied pump materials and the intended use; e.g. a non-conductive process liquid and a high liquid flow, electrostatic charging of these materials may be possible. The user shall conduct an assessment regarding the risk of electrostatic charging and, if applicable, shall take appropriate measures to reduce this risk to an acceptable level. For the diaphragm materials the suitability as shown above can be used for the assessment.

In case of application of diaphragm type TU or G the assessment shall show its suitability.

In case of application of diaphragm type T or S the assessment may show a wider suitability