



14th Floor, Centre Tower
3300 Bloor Street West
Toronto, Ontario
Canada M8X 2X4
Tel.: 416.734.3300
Fax: 416.231.1626
Toll Free: 1.877.682.8772

www.tssa.org

April 12, 2016

SUSAN TURNER
PARKER HANNIFIN INSTRUMENTATION GROUP CANADA
4635 DURHAM RD S
GRIMSBY ON L3M 4G4
CA

Service Request Type.: BPV-National MB
Service Request No.: 1797350
Your Reference No.: ABP-1 BACK PRESSURE REGULATOR
Registered to.: PARKER HANNIFIN INSTRUMENTATION GROUP CANADA

Dear SUSAN TURNER,

Please find enclosed the original response from MB, registered under the CRN No.: 0C10695.54.

As all jurisdictional fees are handled by the Technical Standards and Safety Authority (TSSA), you do not pay any jurisdictions directly.

Should you have any questions or require further assistance, I will be happy to assist you.
For general enquiries, please contact a Customer Service Advisor at 1.877.682.TSSA (8772) or e-mail customerservices@tssa.org. When contacting TSSA regarding this file, please refer to the Service Request number provided above.

Yours truly,

Tanya Francis
Administrative Assistant_ BPV Engineering
Tel. : 416-734-3423
Fax : 416-231-6183
Email : tfrancis@tssa.org



Inspection and Technical Services Manitoba
500 - 401 York Avenue
Winnipeg Manitoba R3C 0P8
T (204) 945-3373
F (204) 948-2309
www.firecomm.gov.mb.ca/codes_steam_pressure.html

March 11, 2016

TSSA
3300 Bloor St. W, Center Tower, 14th Floor
Toronto, ON
M8X 2X4

Attn: Tanya Francis

REGISTRATION OF VALVES AND FITTINGS

Manufacturer: Parker Hannifin - Veriflo

The design(s) for the following Valves/Fittings has been received by us and has been examined and accepted for registration in the Province of Manitoba as follows.

DRAWING / CATALOGUE	CRN	FILE
ABP1 SERIES BACK PRESSURE REGULATOR	0C10695.54	36241

An invoice covering survey and registration fees is enclosed.

NOTE: CRN registered under reciprocal agreement & is conditional based on compliance with the notes set by the original issuing Jurisdiction: TSSA. See attached stamped "this is part of CRN" for scope of registration. This registration expires **January 8, 2026**.

This registration is valid until the indicated expiry date only if the Manufacturer maintains a valid quality management system approved by an acceptable third-party agency until that date. Should the approval of the quality management system lapse before the expiry date indicated above, this registration shall become void.

The registration of this design does not relieve the manufacturer, the owner or his agent of the responsibility for the design or construction of a fitting in accordance with the applicable Acts, Codes and Standards. Inspection and Technical Services assumes no responsibility by registering designs, examining plans and/or inspecting equipment or facility.

Yours truly,

Rabie Harb, E.I.T.
Design Surveyor
Office of the Fire Commissioner
Inspection and Technical Services Manitoba
508 - 401 York Avenue
Winnipeg, Manitoba, R3C 0P8
Phone: 204-945-3373
Email: rabie.harb@gov.mb.ca



TECHNICAL STANDARDS &
SAFETY AUTHORITY
14th Floor, Centre Tower
3300 Bloor Street West
Toronto, Ontario
Canada M8X 2X4

Show facsimile of manufacturer's logo or trademark, as it will
appear on the fitting, in the space below



STATUTORY DECLARATION Registration of Fittings

I, Joseph Lis, Veriflo Division Chief Engineer

(Name and Position, e.g. President, Plant Manager, Chief Engineer)

of Parker Hannifin Veriflo Division

(Name of Manufacturer)

Located at 250 Canal Blvd, Richmond, CA 94804

(Plant Address)

510-235-9590

(Telephone No.)

510-232-7396

(Fax No.)

☐ do solemnly declare that the fittings listed hereunder, which are subject to the **Technical Standards and Safety Act**, Boilers and Pressure Vessels Regulation, comply with all of the requirements of

(Title of recognized North American Standard)

which specifies the dimensions, materials of construction, pressure/temperature ratings, identification marking the fittings and service;

☒ or are not covered by the provisions of a recognized North American standard and are therefore manufactured to comply with Veriflo specifications _____ as supported by the attached data which identifies the dimensions, material of construction, pressure/temperature ratings and the basis for such ratings, the marking of the fitting for identification and service.

I further declare that the manufacture of these fittings is controlled by a quality system meeting the requirements of ISO9001
_____ which has been verified by the following authority, Det Norske Veritas (DNV)

The items covered by this declaration, for which I seek registration, are category C _____ type fittings. In support of this application, the following information and/or test data are attached as follows:

CRN Renewal - ABP1S - Includes: Original report; Current catalog; Current ISO9001 Certificate

(drawings, calculations, test reports, etc.)

Declared before me at Richmond in the STATE of CALIFORNIA

the _____ day of _____ AD 20_____.

Commissioner for Oaths:

(Printed name)

(Signature)

(Signature of Declarer)

FOR OFFICE USE ONLY

To the best of my knowledge and belief, the application meets the requirements of the **Technical Standards and Safety Act**, Boilers and Pressure Vessels Regulation, and CSA Standard B51 and is accepted for registration in Category "C"

CRN: QC18695.54

Registered by: Rahie Hach

Dated: 2016/03/11

NOTE: This registration expires on: January 8, 2026





Cecilia Garbacz, a Commissioner, etc.
City of Toronto, for the Technical
Standards & Safety Authority.
Expires June 17, 2017.

CALIFORNIA ALL-PURPOSE ACKNOWLEDGMENT

CIVIL CODE § 1189

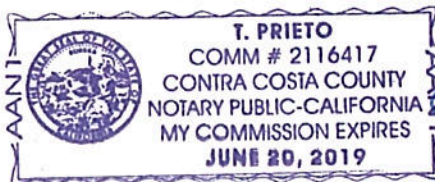
A notary public or other officer completing this certificate verifies only the identity of the individual who signed the document to which this certificate is attached, and not the truthfulness, accuracy, or validity of that document.

State of California)
County of Contra Costa) T. Prieto, Notary Public
On November 2nd, 2015 before me, _____
Date Here Insert Name and Title of the Officer
personally appeared Joseph Lis
Name(s) of Signer(s)

who proved to me on the basis of satisfactory evidence to be the person(s) whose name(s) is/are subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.

I certify under PENALTY OF PERJURY under the laws of the State of California that the foregoing paragraph is true and correct.

WITNESS my hand and official seal.



Signature T. Prieto
Signature of Notary Public

Place Notary Seal Above

OPTIONAL

Though this section is optional, completing this information can deter alteration of the document or fraudulent reattachment of this form to an unintended document.

Description of Attached Document

Title or Type of Document: _____ Document Date: _____
Number of Pages: _____ Signer(s) Other Than Named Above: _____

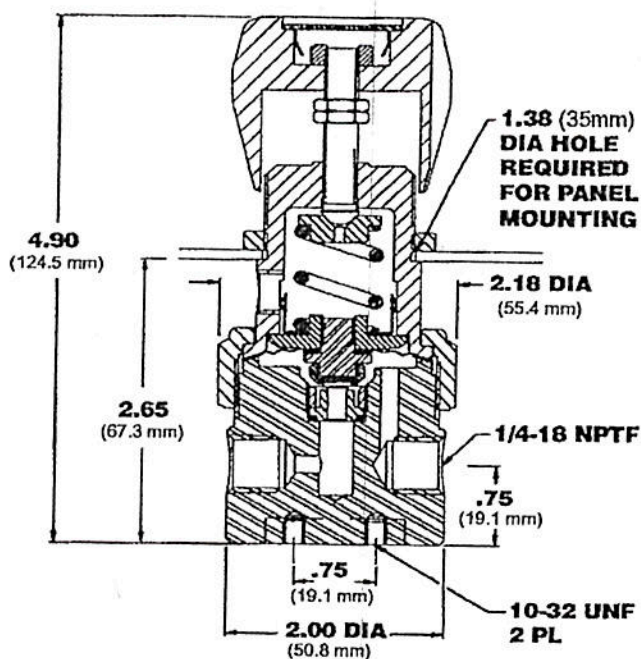
Capacity(ies) Claimed by Signer(s)

Signer's Name: _____
☐ Corporate Officer — Title(s): _____
☐ Partner — ☐ Limited ☐ General
☐ Individual ☐ Attorney in Fact
☐ Trustee ☐ Guardian or Conservator
☐ Other: _____
Signer Is Representing: _____

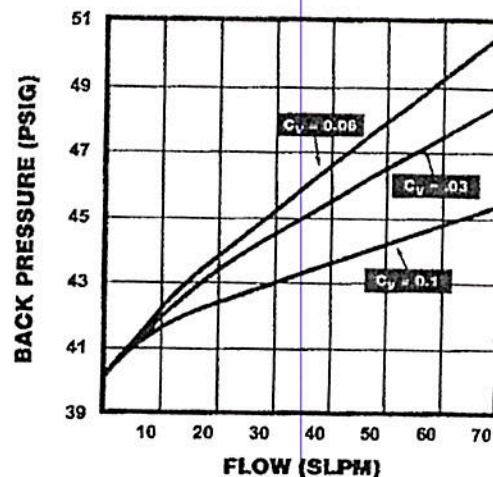
Signer's Name: _____
☐ Corporate Officer — Title(s): _____
☐ Partner — ☐ Limited ☐ General
☐ Individual ☐ Attorney in Fact
☐ Trustee ☐ Guardian or Conservator
☐ Other: _____
Signer Is Representing: _____

ABP1 Series

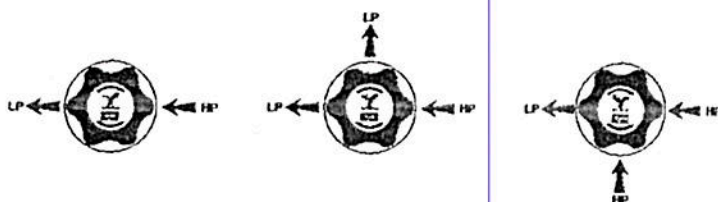
Cross Sectional Drawings



Flow Curve



Porting Configurations



Order Information

Porting Code: 2BP

Porting Code: 3BP

Porting Code: 3PP

BASIC SERIES

ABP1

MATERIALS

S = 316L Stainless Steel

M = Monel®

H = Hastelloy C-22®

SEAT MATERIALS*

T = Teflon®

V = Viton®

K = Kalrez®

PRESSURE RANGE

1 = 0 - 25 psig

2 = 0 - 50 psig

3 = 0 - 100 psig

4 = 0 - 250 psig

5 = 0 - 600 psig

PORTING

2BP = 2 Ports

3BP = 3 Ports

3PB = 3 Ports (Outlet through bottom)

3PP = 3 Ports

OPTIONAL FEATURES

DO = Dome Loaded

M = Metal Knob

PM = Panel Mount

06 = 0.06 Cv

1 = .1 Cv

PORT STYLE

2 = 1/8" NPTF

4 = 1/4" NPTF

INLET GAUGE

03 = 0 - 30 psig

0L = 0 - 60 psig

01 = 0 - 100 psig

4 = 0 - 400 psig

6 = 0 - 600 psig

X = No Gauge

* See temperature ratings under operating conditions.

Hastelloy C-22® is a registered trademark of Haynes International, Inc.
Monel® is a registered trademark of International Nickel Company.
Kalrez® and Teflon® are registered trademarks of DuPont Company.
Viton® registered is a trademark of DuPont Dow Elastomers.

Inspection & Technical Services
Manitoba
Office of the Fire Commissioner
Manitoba
THIS IS PART OF CRN
φC1φ695.54

Parker
Instrumentation