

Non-Return valve 1/4" for pilot lines**Item numbers covered by this datasheet**

305302 Non-Return valve 1/4" DN6 In-Ext (316)

General

Non-return valve for use in pilot lines for activation of Inergen fire extinguishing system, may be used for check valve also.

Specifications**Pressure:**

Work: 0 - 400 bar (300 bar fill @ 15°C)
 Proof (burst): > 1200 bar

Temperature: -40 to +70°C

Flow way: >ø2.0mm

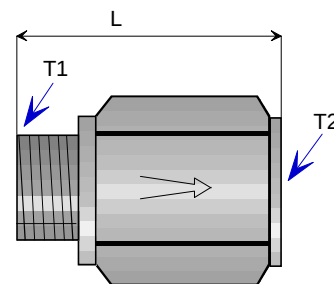
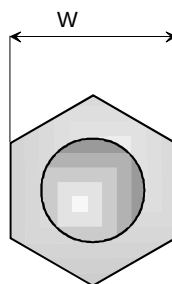
Tread connections:

T1 (inlet): ISO228 G 1/4" (60° seat), male
 T2 (outlet): ISO228 1/4", female

Materials: Stainless steel, Brass, Nitril

Dimension:

W (hex) × L: 19 × 36 mm
 Weight: 0.05 kg

**Markings**

Fire Eater Logo, "NRV06", Thread (ISO(npt), Serial number, WP 400 bar, "Pilot system", "CE 1116-yy"
 Arrow indicating the flow direction.

Installation

The non-return valve is fitted in the pneumatic activation line, and will seal directly in hoses with 60° face, or alternatively a bonded seal and surface may be used.
 The internal - external treads are used to prevent from wrong installation.

Operating

Automatic open when pressurised, spring closing mechanism.

Maintenance

No serviceable parts, if leakage is detected the parts should be replaced.

Routine testing

At installation and every 5 years: Test for free flow and full closing.

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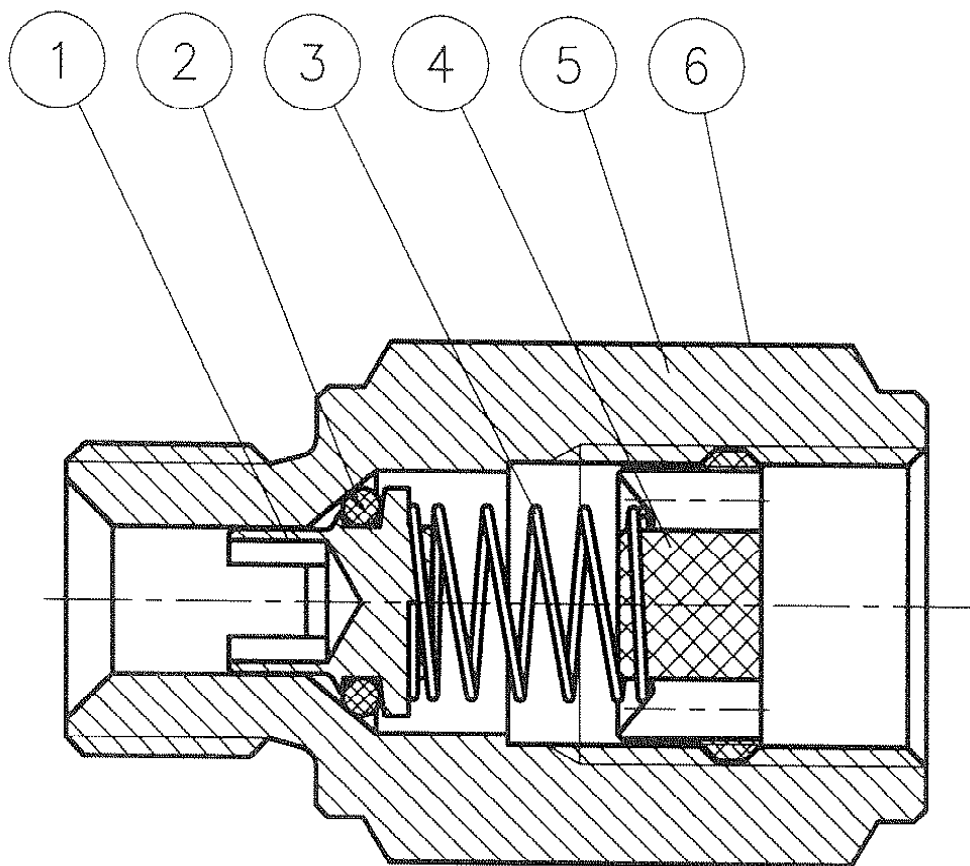
**FIRE EATER 1/2**

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Cross sectional view

Valve is not intended to be dismantled.

Pos.	Item	Description	
1	EV 1020-3	Cone	CuZn39Pb3
2	6.1x1.6	Oring	NBR
3	1020-5	Spring	AISI 316L
4		Endplug	CuZn39Pb3
5	1020B ¼	Valve body	AISI 316L
6	5108-51N	Label	

**Document:**

305302 Non-Return valve Dn6 2016

Product:

NRV

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**FIRE EATER** 1/2

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Declaration of Performance

DoP No: NRV06a 2016-10

NRV06 (Non-Return valv 1/4")

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Construction Product Regulation EN12094-13	Declaration of Performance Applied standards	Ydeevneerklæring Anvendte standarder	Déclaration de performance Normes appliquées	Leistungserklärung Angewandte Normen	Declaracione de prestacione Normas Aplicadas	Deklaracji właściwości użytkowych Zastosowane normy	Prohlášení o vlastnostech Aplikované normy	Декларация Performance Примененные стандарты
	Specifications	Specifikationer	Caractéristiques	Technische Daten	Especificaciones	Dane techniczne	Specifikace	характеристики
Fire Eater Logo, NRV06, arrow	Identification	Identifikation	Identification	Identifizierung	Identificación	Identyfikacja	Identifikace	идентификация
Non-return valve in pilot system for Fire Extinguishing systems	Intended use	Anvendelsesformål	Utilisation prévue	Anwendungen	Aplicaciones	Aplikacje	Aplikace	Назначение
Fire Eater A/S Vølundsvej 14, DK-3400 Hillerød Denmark	Manufacturer	Producent	Fabricant	Hersteller	Fabricante	Producent	Výrobce	производитель
CNPP Cert 1116-CPR-030 CNPP GH 08 00 14 System 1	Authority Certificate Test report	Myndighed Certifikat Testrapport	Autorité Certificate Rapport d'essai	Zertifizierung Zertifikat Test raport	Certificación Certificado Raport Prueba	Certyfikacja Certyfikat Raport testowy	Osvědčení Certifikát Zkušební Raport	сертификация сертификат протокол испытания
-60 to +100 °C Ø4mm 12.5 mm² 0.1 kg 15 - 40.0 MPa >120 MPa Na ISO228 1/4", Male 60° seat ISO228 1/4", Female Any Na	Temperature Operating Installation Storage Flow way Diameter Area Weight Pressure Work Destructive test pressure Activation Pressure Voltage Current Force No Triggering Max pressure Thread connection Inlet Outlet Accessories Installation Mounting direction Smallest cylinder	Temperatur Brug Installation Opbevaring Lysning Diameter Areal Vægt Tryk Arbejds- Destruktivt prøvningstryk Aktivering Tryk Volt Strøm Kraft Ingen Aktivering Max tryk Gevindtilslutning Inlet Outlet Tilbehør Installation Monterings-retning Mindste beholder	Température d'exploitation Installation Stockage Écoulement Diamètre Aire Poids Pression Travail éclater Activation Pression Tension Courant Force Pas de déclenchement max pression Raccord filetage Prise Sortie Accessoires Installation Sens de montage Le plus petit cylindre	Temperatur Betriebs- Installation Lagerung Flow Weg Durchmesser Areal Gewicht Druck Arbeit platzen Aktivierung Druck Spannung Strom Kraft keine Triggerung Max Presse Gewindeanschlüsse Einlass Ausgang Zubehör Installation Montagerichtung kleinste Zylinder	Temperatura Operativo Instalación Almacenamiento Camino de flujo Diámetro Área Peso Presión Trabajo Burst Activación Presión Voltaje Corriente Fuerza No Disparo Presión Max Conexiones rosca Entrada Salida Accesorios Instalación Dirección de montaje Cilindro más pequeño	Temperatura Operacyjny Instalacja Przechowywanie Sposób przepływu średnica Obszar Waga Ciśnienie Praca Burst Aktywacja Ciśnienie Napięcie Prąd Siła Nie Wyzwalanie Max naciśnij Przylączy gwintowane Wlot Wylot Akcesoria Instalacja Kierunek montażu Najmniejszy cylinder	Teplota Provozní Instalace Skladování Flow cesta Průměr Rozloha Hmotnost Tlak Práce Roztržení Aktivace Tlak Napětí Energie Síla Ne Spouštění Max lis závitové připojení Vstupní Odtok Příslušenství Instalace Směr montáže Nejmenší válec	Температура операционная установка хранение поток способ диаметр площадь вес давление работа взрыв активация давление напряжение текущий сила нет триггера Макс пресс- Резьбовые соединения вход выход аксессуары Установка направление монтажа Наименьший цилиндра

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Declaration of Performance

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Construction Product Regulation EN12094-13	Declaration of Performance Applied standards	Ydeevneerklæring Anvendte standarder	Prestandadeklaration Tillämpade standarder	Ydeevneerklæring Anvente standarder	Julistus Performance Applied standardit	Prestatieverklaring Toegepaste normen	Dichiarazione di prestazione Norme applicate
	Specifications	Specifikationer	Specifikation	Specifikation			
Fire Eater Logo, NRV06, arrow	Identification	Identifikation	Identifiering	Identifikasjon	tunnistaminen	Identifikation	Identificazione
Non-return valve in pilot system for Fire Extinguishing systems	Intended use	Anvendelsesformål	Avsedd användning	Tiltenkt bruk	tarkoitettu käyttö	Beoogd gebruik	Applicazioni
Fire Eater A/S Vølundsvej 14, DK-3400 Hillerød Denmark	Manufacturer	Producent	Tillverkare	Produsent	valmistaja	Fabrikant	Fabbricante
CNPP Cert 1116-CPR-030 CNPP GH 08 00 14 System 1	Authority Certificate Test report	Myndighed Certifikat Testrapport	Myndighet Certifikat Testrapport	Myndighet Sertifikat Testrapport	sertifiointi todistus Testiraportti	Certificering Certifikat Test raport	certificazione certificato prova Raport
-60 to +100 °C	Temperature Operating Installation Storage	Temperatur Drift- Installation- Opbevaring-	Temperatur Drift- Installation Lagring	Temperatur Drifts Installasjon Lagring	Lämpötila käyttö- asennus varastointi	Temperatuur Bedrijfs- Installatie Opslagruimte	Temperature Operative Installazione Immagazzinamento
Ø4mm 12.5 mm² 0.1 kg	Flow way Diameter Area	Flow Diameter Areal	Mynning Diameter Areal	Flow Diameter Område	Flow tavalla halkaisija alue	Flow weg Diameter Areaal	Flow Diametro Area
15 - 40.0 MPa >120 MPa	Weight Pressure Work Destructive test pressure	Vægt Tryk Arbejds- Destruktivt prøvningstryk	Vikt Tryck Arbets- Destruktivtesttryk	Vekt Trykk Arbeid- Destruktivt prøvningstryk	paino paine työ burst	Gewicht Druk Werk Burst	Peso Pressione lavoro scoppiare
Na	Activation Pressure Voltage Current Force	Aktivering Tryk Volt Strøm Kraft	Aktivering Tryck Spänning Ström Kraft	Aktivisering Trykk Spenning Strøm Kraft	aktivointi paine jännite nykyinen voima	Activering Druk Voltage Stroom Kracht	Attivazione pressione voltaggio corrente forza
	No Triggering Max pressure	Ingen aktivering Max tryk	Ingen aktivering Max tryck	Ingen utløsende Max trykk	ei Triggering max paina	Geen Triggering Max druck	No trigger stampa Max
ISO228 1/4", Male 60° seat ISO228 1/4", Female	Thread connection Inlet Outlet Accessories	Gevindtilslutning Inlet Outlet Tilbehør	Gånganslutning Inlet Outlet Tillbehör	Tråd tilkobling Inlet Outlet Tilbehør	kierrelitokset tuloaukko pistorasia lisälaitteet	Draad verbindingen Inlet Outlet accessoires	Le filettature insenatura presa accessori
Any Na	Installation Mounting direction Smallest cylinder	Installation Monteringsretning Mindste beholder	Installation Monteringsriktning Minsta behållare	Installasjon Monteringsretningen Minste beholder	asennus asennussuunnassa pienin sylinteri	Installatie Montagerichting Kleinste houder	Installazione direzione di montaggio Il più piccolo cilindro

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Construction Product Regulation EN12094-13	Declaration of Performance Applied standards	Toimivusdeklaratsiooni Applied standardid	Deklarācija Performance Lietišķās standarti	Eksploatacinių savybių deklaracijos Taikomoji standartai	Izjava o obavljanju primijenile standarde	Érdekében nyilatkozni Alkalmazott szabványok	Declaração de desempenho normas Aplicadas	Vyhlasenia o parametroch aplikované normy
	Specifications							
Fire Eater Logo, NRV06, arrow	Identification	identifitseerimine	identificēšana	identifikacija	identifikacija	azonosítás	identificação	identifikácia
Non-return valve in pilot system for Fire Extinguishing systems	Intended use	Kavandatud kasutus	Paredzētā izmantošana	paskirtis	Namjena	rendeltetésszerű használat	uso pretendido	aplikácia
Fire Eater A/S Vølundsvej 14, DK-3400 Hillerød Denmark	Manufacturer	tootja	ražotājs	gamintojas	proizvodač	gyártó	fabricante	Výrobca
CNPP Cert 1116-CPR-030 CNPP GH 08 00 14 System 1	Authority Certificate Test report	sertifikaat tunnistus Test report	sertifikācija apliecība testa ziņojums	pažymėjimas pažymėjimas Bandymų ataskaitos	potvrda certifikat izvješće o ispitivanju	hitelesítés bizonyítvány vizsgálati jelentés	certificação certificado relatório de teste	osvedčenia certifikát skúšobné Raport
-60 to +100 °C Ø4mm 12.5 mm² 0.1 kg 15 - 40.0 MPa >120 MPa Na ISO228 1/4", Male 60° seat ISO228 1/4", Female Any Na	Temperature Operating Installation Storage Flow way Diameter Area Weight Pressure Work Destructive test pressure Activation Pressure Voltage Current Force No Triggering Max pressure Thread connection Inlet Outlet Accessories Installation Mounting direction Smallest cylinder	Temperatuur tegevus- paigaldamine ladustamine Flow viis läbimõõt ala kaal surve töö Burst aktiveerimine surve pinge praegune jõud No lülitusega Max vajutage Teema ühendused sisseviik pistikupesa lisandid paigaldamine Paigaldus suund Väikseim silindri	Temperatūra darba uzstādīšana glabāšana Flow veids diametrs platība svars spiediens darbs Burst aktivizācija spiediens spriegums strāva spēks Nē izraisot Max prese vītņu savienojumi pievads kontaktligzda piederumi uzstādīšana Montāžas virziens mazākais cilindrs	Temperatūra Operacinė montavimas saugojimas srauto būdas skersmuo plotas svoris slėgis darbas Burst aktyvinimas slėgis įtampa dabartinis jėga Nėra suveikimas Maksimalus spaudos Temos jungtys įėjimas anga priedai Montavimas Tvirtinimo kryptis Mažiausias cilindras	Temperatura radni instalacija skladištenje način protoka promjer područje težina pritisak posao Burst aktiviranje pritisak napon struja sila Ne pokreće Maks pritisnite veze temu uvala ispust pribor instalacija Montaža smjer najmanji cilindra	Hőmérséklet üzemeltetési telepítés tárolás flow módon átmérő terület súly nyomás munka Burst aktiválás nyomás feszültség jelenlegi erő nem kapcsolású max nyomja menetes csatlakozás beömlőnyílás kivezetés tartozékok telepítés szerelési irány legkisebb henger	Temperatura Operação instalação armazenamento Abertura Diâmetro área peso pressão trabalho Explosão ativação Pressão Tensão Corrente Vigor Sem Triggering Max imprensa com conexões de rosca entrada saída acessórios instalação sentido de montagem menor cilindro	Teplota prevádzkové inštalácia skladovanie flow cesta priemer plocha hmotnosť tlak práca roztrhnutie Aktivácia tlak napätie Tok sila nie Spúšťanie max lis závitové pripojenie vstupné odtok príslušenstvo inštalácia smer montáže najmenší valec

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Declaration of Performance

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Construction Product Regulation EN12094-13	Declaration of Performance Applied standards	Dikjarazzjoni ta ' Prestazzjoni standards applikati	Declarația de performanță standardele aplicate	Декларация за експлоатационни показатели Приложна стандарти	Δήλωση Απόδοσης Εφαρμοσμένη πρότυπα
	Specifications				
Fire Eater Logo, NRV06, arrow	Identification	identifikazzjoni	identificare	Идентифициране	αναγνώριση
Non-return valve in pilot system for Fire Extinguishing systems	Intended use	użu maħsub	utilizarea prevăzută	предназначение	προβλεπόμενη χρήση
Fire Eater A/S Vølundsvej 14, DK-3400 Hillerød Denmark	Manufacturer	manifattur	producător	Производител	κατασκευαστής
CNPP Cert 1116-CPR-030 CNPP GH 08 00 14 System 1	Authority Certificate Test report	ċertifikazzjoni ċertifikat rapport tat-test	certificare certificat raport de încercare	Сертифициране сертификат Протокол от изпитването	πιστοποίηση πιστοποιητικό έκθεση δοκιμής
-60 to +100 °C Ø4mm 12.5 mm² 0.1 kg 15 - 40.0 MPa >120 MPa Na ISO228 1/4", Male 60° seat ISO228 1/4", Female Any Na	Temperature Operating Installation Storage Flow way Diameter Area Weight Pressure Work Destructive test pressure Activation Pressure Voltage Current Force No Triggering Max pressure Thread connection Inlet Outlet Accessories Installation Mounting direction Smallest cylinder	Temperatura operattiva installazzjoni ħażna mod fluss dijametru qasam piż pressjoni xogħol jinfaqax attivazzjoni pressjoni vultaġġ kurrenti forza ebda attivazzjoni istampa Max konnessjonijiet ħajt inlet outlet aċċessorji installazzjoni direzzjoni immuntar ċilindru iżgħar	Temperature operare instalare depozitare mod Flow diametru zonă greutate presiune muncă burst activarea presiune voltaj current forță nu Triggering press max conexiuni filet admisie priză accesorii instalare Direcția de montare Cel mai mic cilindru	Температура експлоатационен монтаж съхранение Flow начин диаметър област тегло налягане работа Burst активиране налягане волтаж ток сила Не Възбуждане Мах натиснете Нишка връзки впускателен изход аксесоари Монтаж Монтаж посока Най-малък цилиндър	Θερμοκρασία λειτουργικά εγκατάσταση αποθήκευση τρόπο ροής διάμετρος Περιοχή βάρος πίεση εργασία Burst δραστηριοποίηση πίεση τάση ρεύμα δύναμη καμία ενεργοποίηση max Τύπου συνδέσεις με σπείρωμα είσοδος έξοδος αξεσουάρ εγκατάσταση Τοποθέτηση κατεύθυνση μικρότερη κύλινδρο

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