



# Photovoltaic plug valve

What is a PV series plug valve?

PV Series plug valves are available with a vented stem and ported body to allow downstream pressure to vent to the atmosphere when the valve is in the closed position. Vented PV Series valves come standard with a red handle. The pressure rating for vented plug valves is 150 psig (10.3 bar).

What are PV series quarter-turn plug valves used for?

PV Series quarter-turn plug valves are used for isolation and flow control in a wide range of applications including: air systems, lube system controls, laboratories, instrument gas systems. At SSP, we are proud to be an American manufacturing success story. 100% of our products are made in America.

Who are PV valves?

Here at PV Valves Ltd, we are specialists in Valves and Actuation. We work with our clients to provide a cost effective solution to their needs and specifications. Offering a combined staff experience of over 143 years. We work closely with leading manufacturers within the UK and internationally to supply clients nationwide and globally.

What is the pressure rating for vented plug valves?

The pressure rating for vented plug valves is 150 psig (10.3 bar). To order PV Series vented plug valves, add a V to the valve size designator in the basic part number.

Does a plug valve have a downstream vent?

Plug valves have a downstream vent to safely isolate the pressure source and vent the downstream pressure, allowing for the maintenance of devices such as pneumatically operated spring return valve packages.

What is a quarter-turn plug valve?

Quarter-turn plug valves are a type of valve used in various industries. They are favored for applications requiring frequent manual actuation due to their low torque. Quarter-turn plug valves can function as isolation valves and vent valves in control valves, in laboratories for air systems, gas selection manifolds, gauge isolation, and drain valves.

Eccentric Plug Valves feature a rectangular port design that provides wide tolerance seating geometry for lasting superior shutoff. The eccentric plug action and resilient plug facings assure lasting dead-tight shutoff. Standard features ...

FluoroSeal Non-Lubricated Plug Valves: Sleeved Plug Valves, Severe Service (FE) Plug Valves, Full Port Plug Valves, HF Alkylation Plug Valves, Multiport Plug Valves, Jacketed Plug Valves, and Custom Plug Valves. Available in Exotic ...

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PEC ECCENTRIC PLUG VALVES TECHNICAL SPECIFICATIONS BULLETIN 12.00-1B FEBRUARY 2013. 2 Item Description Material Cast Iron, ASTM A126, Class B Acid Resistant Bronze, ASTM B427 Alloy C90800 Carbon Steel, ASTM A216, Grade WCB A1 Body 316 Stainless Steel, ASTM A743, Grade CF-8M Alloy 20

A non-metallic elastomeric sleeve or liner is used in this type of valve. This sleeve is installed in the body cavity of the valve. The polished tapered plug acts as a wedge and presses the sleeve against the body.

SIMODI VALVE specializes in ball valve, butterfly valve, sanitary ball valve, sanitary butterfly valve, 3 way ball valve, 4 way ball valve, 3 port ball valve, 4 port ball valve, plug valve which design for most of industrial needs. The superior engineered design and manufacturing techniques make SIMODI VALVE the right choice for you.

Specific valve models commonly used in the photovoltaic industry include: Ball Valves for Cooling Systems: Such as Brass Ball Valves for controlling the flow of cooling water in PV module cooling systems, ensuring optimal operating ...

NEW: Pneumatic actuator AIR GEAR for plug valves with high torque =150.000 Nm read more [...] 4 Ratched coupling To usw on multiport valves with standard 90°; actuator for bigger switchpositions than 90°; ...

Valve Pressure / Temperature The VALTORC Series 600 is a stainless steel (also available in other materials), ANSI Class 150 flanged plug valve. It can be equipped with a manual handle or with pneumatic or electric actuators. A full ...

Lubricated Plug Valves. SBC lubricated valves are cast of high tensile strength gray iron and are suitable for oil, gas, and water installations. They are not recommended for temperatures above 200F or 93C. 175# working pressure. Threaded Plug Valves. FIG. NO. ... PV-2G: Grooved: 14-3/4

Series PV 620 Plug Valves 1 Pages. Add to favorites {{requestButtons}} Catalog excerpts. PLUG VALVE Test Ait under water 200 p.sig. Standard Opening Straightway - Wrench Operated Rectangular Port Screwed Ends Flanged Ends. Open the catalog to page 1. All Valtorc catalogs and technical brochures. 545SN series.

BT-PV UTL series Plug Valve and Repair Kit WECO UTL style Plug Valve with reliable quality and top security API 6A approved. BETTER provides API 6A standard Plug Valve with standard Male and Female end connections, and a standard service rating up to 15000psi NSCWP. Plug valve provides flow control for oilfield applications such as cementing ...

In photovoltaic power generation systems, industrial valves are utilized for various fluid and gas control applications critical to the operation and maintenance of solar PV installations. Specific valve models commonly used in the photovoltaic industry include: Ball Valves for ...



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316L SS, PV Series Plug Valve, Quarter Turn, 1/4" Tube Fitting, Fluorocarbon FKM O-ring, 3000psig(207bar), -10°F to 400°F(-23°C to 204°C), 0.17" Orifice, Straight, Stainless Steel ...

The EXC Plug Valve from TSI Flow Products is a compact low torque plug valve for Standard Service and NACE Service with a 15,000 PSIG Working Pressure. ... STD Plug valve Seal: STD PV Seal (Polyseal) 2: 14: 2" Plug Valve Stop Bolt: Black-Oxide Alloy Steel Socket Head Screw: 1: 15: EXC 2 Handle Handle: STD 2" Plug valve Handle: 1: 16: O-ring 230:

PLUG VALVE CATALOGUE TYPE 24/28 SERIES & 22 VALVES AND PIPELINE PRODUCTS AUSTRALIA'S LARGEST STOCKIST Complete valve packages including: ... Pavia Plant, Rivanazzano (PV) Italy 2. VALVES AND PIPELINE PRODUCTS All Valvitalia-Delta Fig 24/28 Series lubricated plug valves stocked by Global Supply AUSTRALIA'S LARGEST STOCKIST

Flanged Plug Valve - KPV-1 The Flanged Plug Valve from Challenger Valves is a robust and reliable valve designed and manufactured in accordance with AWWA C517 standards. This valve features an eccentric design that allows the rubber encapsulated ductile iron plug to rotate away from the seat as soon as movement commences

Only the proper actuator bar should be used to turn SPM plug valves. Valves require torque to operate. Makeshift bars can become dislodged easily and cause an accident. Use only an SPM actuator bar, part number 3P19958 for 1" Plug Valves and 3P11542, for 2" & 3" Plug Valves. It is a personal responsibility to

By matching attributes to operational duties, plug valves confer superior operability and service life. Types of Plug Valves. Eccentric plug valves come in a variety of configurations to suit different pressure, temperature, corrosion, and operating requirements. Let's overview some of the most common valve plug types and their notable ...

Gas Plug Valves As part of the heart of plumbing, valves are very important to the quality of a structure's plumbing system. Knowing this, A.Y. McDonald Mfg. Co. has invested a lot of efforts into providing the most efficient and versatile gas plug valves found in the industry.

Browse Item # PV1-44, Furon Precision Plug Valve - Manually Actuated 2-Way (1/16 to 1/4 Inch Orifice) in the Saint Gobain Performance Plastics catalog including Item #,Item Name,Description,End Connection Type,Orifice,End Connection Size,Body,A - Le

Valve Pressure / Temperature The VALTORC Series 600 is a stainless steel (also available in other materials), ANSI Class 150 flanged plug valve. It can be equipped with a manual handle or with pneumatic or electric actuators.



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Plug Valves PV Series FI12040813 FITOK Group. Standard Materials of Construction Pressure vs. Temperature Operation (2-Way) Downstream Vents (2-Way) Open Closed Forward-flow Throttling Maximum working pressure: 3000 psig (207 bar) Working temperature: -10F to 400 F (-23 C to 204 C)

In general, we are using different types of valves and control valves are one of the interesting parts of the piping network. Because of this, a piping circuit can be automated for flow control to maintain the desired level of fluid or flow rate according to temperature, pressure, and flow types.. We have used many valves with the nomenclature of FV, PV, HV, XV, etc without ...

Advantages of Nordstrom Iron Plug Valves 6 Pascal's Law 8 Plug Valve Patterns 8 Super Nordstrom Two-Bolt Cover-Type Iron Valve 9 Super Nordstrom's Regular Pattern Iron Plug Valve 10 Nordstrom Bolted Gland-Type Iron Plug Valves 11 Dynamic Balance Plug Valves 12 Nordstrom Screwed Gland-Type Iron Plug Valves 13

Parker Rising Plug and Gauge/Root Valves are available with a variety of seat and seal materials. They are screwed bonnet designs featuring bonnet lock plates. The PV and PVG Series of ...

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