

Eshteal Arak Industrial Engineering Company is the only manufacturer of high-capacity rotary cup burners in the country, and these burners are used by all boiler companies in the country. Among the unique products produced by this company are power valves that are designed for saturated and superheated steam lines. This product was produced for the first time in the country in 2014 in the Mobarake steel complex and at a pressure of 70 bar. It has been used successfully. Eshteal Arak Industrial Engineering Company has been modernizing its production lines since 2003 and is currently equipped with more than 98 machines, 61 of which are CNC lathes and milling centers (referred to at the end), stepped into the field of producing products with modern sophisticated technology. It should be mentioned that this company has succeeded in obtaining the knowledge-based badge on burners and valves during two consecutive periods, and in order to enhance the brand and satisfy customers, the necessary standards such as ISIRI 7595, ISIRI 7594, ISO 3834, ISO 9001:2015 and implemented 5S



The sequencing valve is designed to function as a combined water isolating valve and a sequencing valve to provide positive purging of the water connection float chamber and steam connection of a boiler control. Blowdown of float chamber and connections is effected separately and in a pre-determined sequence by the operation of the single specially designed handwheel. Cast iron for up to 10 bar rating and Bronze Gunmetal or 20 bar rating

Sequencing Blowdown valve



ESHTEAL ARAK

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and precision tools for steam boilers

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Sequencing blowdown valve

Type SPV

Description

The sequencing valve is designed to function as a combined water isolating valve and a sequencing valve to provide positive purging of the water connection, float chamber and steam connection of a boiler control. Blowdown of float chamber and connections are affected separately and in a pre-determined sequence by the operation of the single specially designed hand wheel.



Function

Steam boiler external level control chamber isolation and purge.

Features

- One valve to provide separate blowdown of:
- Control Chamber
 - Steam Connection
 - Water Connection

Limiting conditions

Maximum working pressure for the Cast iron material is 10 bar and for the Gunmetal material is 20 bar.



Size and pipe connections

Dimensions (approx.) in mm

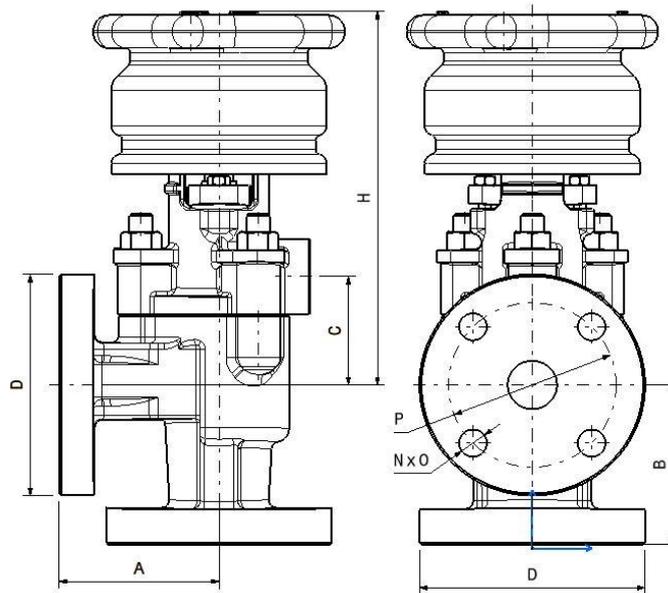
Size	Body material	Flange connections	D	N	O	P	A	B	H	C
1" DN25	Cast iron	BS 4504 PN16 (Inlet and outlet)	115	4	14	85	83	83	219	54
	Gunmetal	BS 4504 PN40 (Inlet and outlet)	115	4	14	85	83	83	219	54

Inlet and Outlet flange

N = No. of holes

O = Dia. of holes

P = Pitch circle dia.



Material

Item	Part Name	Material
1	Water Leg	Cast iron Gunmetal
2	Water Leg valve seat	Stainless steel
3	Stuffing box	Cast iron Gunmetal
4	Spindle	Stainless steel
5	Hand wheel	Aluminum
6	Retaining nut	Stainless steel
7	Gland packing	Teflon packing
8	Gland follower	Stainless steel
9	ACME THRD nut	Brass
10	Valve Lid	Nickel alloy
11	Blow down seat	Nickel alloy
12	Split pin	Steel

