

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



This valve can be supplied as a Tester valve with elbow removed and outlet tapped 3/8 Rp* and plugged. This valve can be supplied as an Air valve or Tester valve with inlet screwed male and outlet tapped and plugged

Air & Tester valve



ESHTEAL ARAK

INDUSTRIAL ENGINEERING CO.
Manufacturer of burners, valves
and precision tools for steam boilers

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Air & Tester valves

Type SDV

Description

This valve can be supplied as a Tester valve with elbow removed and outlet tapped 3/8" and plugged. It can also be supplied with outlet fitted with adaptor and tailpipe tapped 1/4".



Applications

In the boilers this valve used as the main valve on the way of pressure switch.

Size and Pipe Connections

Inlet flange connections: BS 10 Tables F, H

Dimensions (approx.) in mm

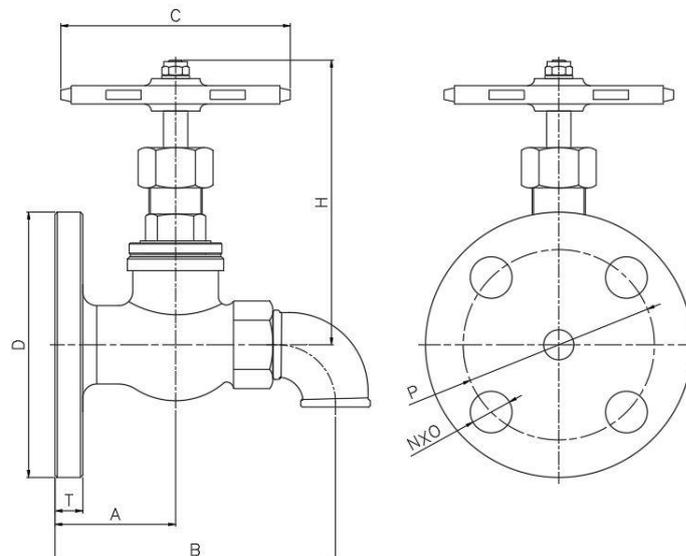
| Size | D | Material | T | N | O | P | A | B | C | H |
|------|-----|-----------------|----|---|----|------|----|-----|-----|-----|
| 1/2" | 95 | Bronze 150psi | 12 | 4 | 14 | 65 | 52 | 107 | 100 | 125 |
| | | Gunmetal 300psi | 14 | | | | | | | |
| | 115 | Bronze 150psi | 12 | 4 | 14 | 82.5 | | | | |
| | | Gunmetal 300psi | 14 | | | | | | | |

Inlet and Outlet flange

N = No. of holes

O = Dia. of holes

P = Pitch circle dia.



Pressure/temperature rating

| | |
|-----------------------------|-----------------------|
| Temperature (°C) | Saturated Steam temp. |
| Max. Working pressure (bar) | 24 |

Material

| Item | Part name | Material |
|------|------------------|-------------------|
| 1 | Body | Bronze Gunmetal |
| 2 | Connector | Steel |
| 3 | Elbow | Cast iron |
| 4 | Seat ring | Stainless steel |
| 5 | Disc | Stainless steel |
| 6 | Disc Nut | Brass |
| 7 | Stem | Brass |
| 8 | Washer | Copper |
| 9 | Stem bushing | Brass |
| 10 | Packing | PTFE |
| 11 | Packing flange | Brass |
| 12 | Stem bushing nut | Brass |
| 13 | Hand Wheel | Cast iron |
| 14 | Woodruff key | Steel |
| 15 | Washer | Steel |
| 16 | Nut | Steel |

