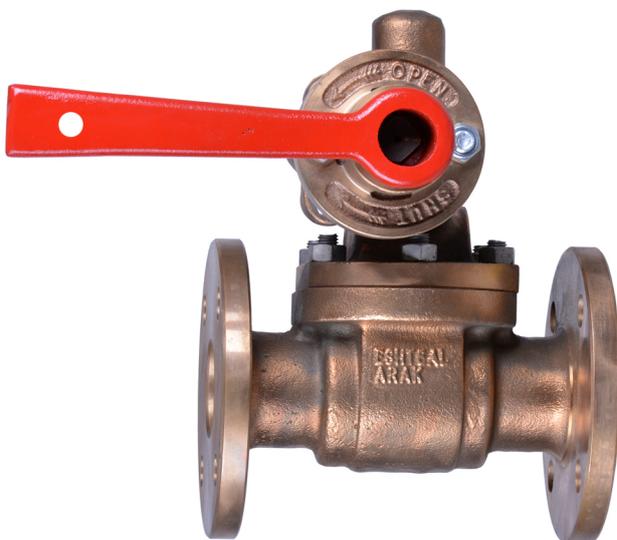


Eshteal Arak Industrial Engineering Company is the only manufacturer of high-capacity rotary cup burners in the country, and these burners are used by all boiler companies in the country. Among the unique products produced by this company are power valves that are designed for saturated and superheated 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 key valve embodies the design advantages of the parallel slide gate valve. Easy operation of the rack and pinion mechanism is by means of a removable box key which requires only half a turn for full operation. LG2 for up to 10 bar rating and Bronze Gunmetal for 21 bar rating
This valve is available in the size of 2".

Parallel Slide Blowdown valve



ESHTEAL ARAK

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

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of Qom Road-Arak-Iran

📍 Head office: 4th floor-No.3 Apartment Asef Vaziri
alley southern Bahar St Taleghani St-Tehran-Iran

Parallel Slide Blowdown Valve

Type BVB

Description

This key valve embodies the design advantages of the parallel slide gate valve.

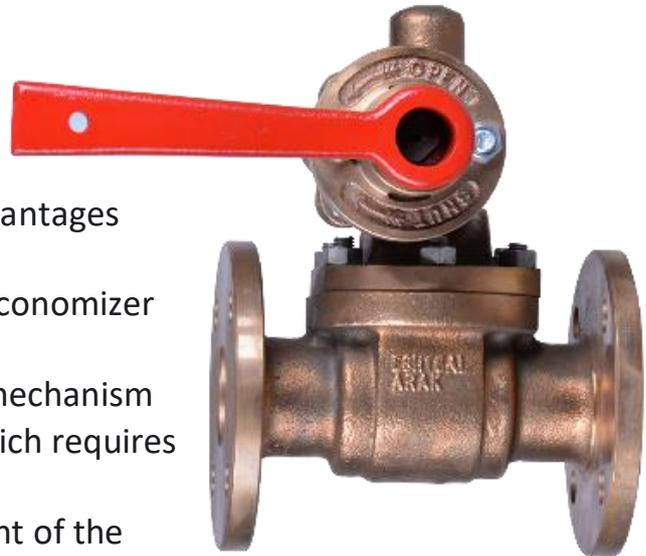
The valve is also recommended as an economizer blowdown valve.

Easy operation of the rack and pinion mechanism is by means of a removable box key which requires only half a turn for full operation.

Positive stops limit the rotary movement of the pinion and prevent straining of the rack/pinion teeth.

A guard is incorporated on the gland to prevent removal of the box key unless the valve is in the closed position.

Joints and gland packings are of exfoliated graphite.



Applications

In boilers, blowdown valves removes both suspended solids and sludge from the surface and bottom respectively.

Limiting conditions

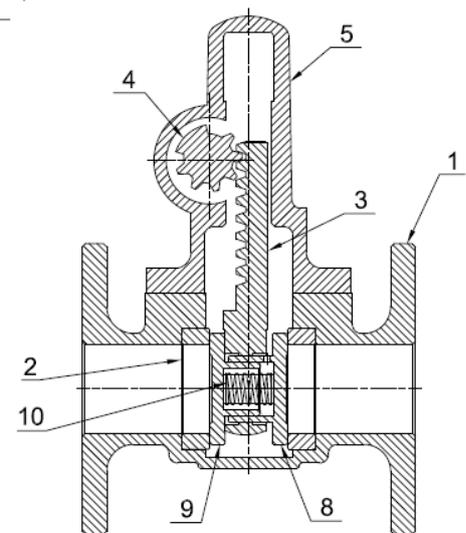
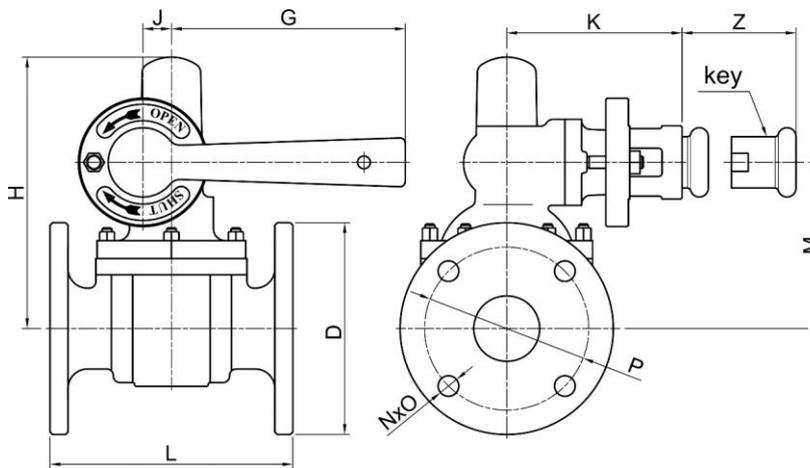
Pressure / temperature rating

Flange Standard	BS 4504 PN16	BS 4504 PN40	BS 10 Table F	BS 10 Table H
Temperature (°C)	240	200	210	200
Max. Working pressure (bar)	12	21	12	21

Size and pipe connections

Dimensions (approx.) in mm

Body material	Size	Flange Standard	D	N	O	P	L	H	M	J	K	G	Z
Bronze (150psi)	2" DN50	BS 10 Table F	165	4	18	127	208	215	130	22	145	200	60
		BS 4504 PN 16	165	4	18	125	208	215	130	22	145		
Gunmetal (300 psi)	2" DN50	BS 10 Table H	165	4	18	127	212	215	130	22	145		
		BS 4505 PN 40	165	4	18	125	212	215	130	22	145		



Materials

Item	Part name	Material	
1	Body	Bronze	Gunmetal
2	Seat	Nickel alloy	
3	Rack	Gunmetal	
4	Pinion	Gunmetal	
5	Bonnet	Bronze	Gunmetal
6	Packing bushing	Bronze	
7	Gland bushing	Bronze	
8	Female disk	Nickel alloy	
9	Male disk	Nickel alloy	
10	Spring	Stainless steel	
11	Key	Cast iron	

