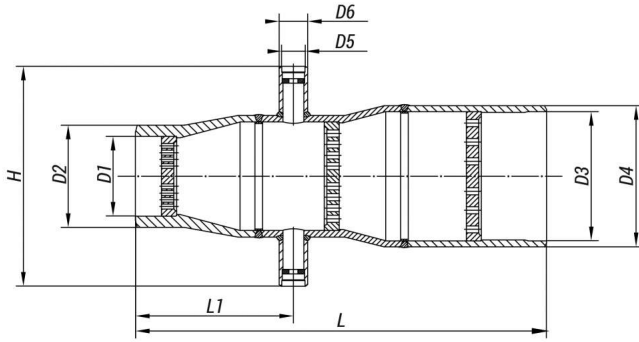


# 863-250/450-Ш

Production according to TR 3113-003-15365247-2009



**They are directly installed** behind the globe and throttle valves of PRS, PRDS and FRPRDS on vertical and horizontal pipeline sections.

**Working medium flow direction:** from a branch pipe of lesser diameter to a larger one.

**Body material:**

- steel 12X1MΦ or 15X1M1Φ at the temperatures over 450 °C;
- steel 20, 09Г2С or 15ГС at the temperatures under 450 °C.

**Pipeline connection:** welded connection.

## Specifications

Inlet /Outlet T <sub>p</sub> (T <sub>max</sub> ), MPa	Inlet /Outlet P <sub>p</sub> (PN), MPa	DN, mm	Working Medium	d <sub>2</sub> , mm	L, mm	L <sub>1</sub> , mm	H, mm	D <sub>1</sub> , mm	D <sub>2</sub> , mm	D <sub>3</sub> , mm	D <sub>4</sub> , mm	D <sub>5</sub> , mm	D <sub>6</sub> , mm	Full Weight, kg	S <sub>1</sub> , cm <sup>2</sup>	S <sub>2</sub> , cm <sup>2</sup>	S <sub>3</sub> , cm <sup>2</sup>	S <sub>4</sub> , cm <sup>2</sup>	S <sub>5</sub> , cm <sup>2</sup>	S <sub>6</sub> , cm <sup>2</sup>
500/460	13,2/2,0	250	Steam	62	1125	605	650	263	325	424	465	62	76	321,5	174	261	477	0	0	0

### Legend

S<sub>1</sub>, S<sub>2</sub>, S<sub>3</sub>, S<sub>4</sub>, S<sub>5</sub>, S<sub>6</sub> - Gird Passage Area, cm<sup>2</sup>

The throttle devices of series 863, 865, 891, 950, 1040, 1041 are used as uncontrolled throttling elements of PRS, PRDS and FRPRDS.

The throttle devices DN 100/200 of series 1040 and 1041 are respectively included into the composition of steam-generating plants УПГ 50/60 and УПГ 60/160.

The table demonstrates typical throttle devices. However, the majority of throttle devices is individually designed for specific operation conditions.

### Page link:

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