

SPECIFICATION SHEET

Regulating Piston Valve (Carbon Steel, Socket-Welding)

LIMITS OF USE	Rating	600 lbs
	Temperature	250 °C
	Gauge pressure	20 bars
TEST	Body test	30 bars
	Seat test	7 bars air under water

SERVICE FLUIDS	Saturated Steam, Pressured Hot Water, Condensate, Compressed Air, Nitrogen, Fuel, Caustic Soda
BODY	Straight – Carbon Steel
BONNET	Bolted – Carbon Steel
CONNECTION	Bored, Socket-Welding for standard schedule tube.
OBUTRATOR	Piston for flow rate adjustment – stainless steel
THREADED STEM	Stainless Steel.
TIGHTNESS WASHERS	Material (without graphite) to be defined in accordance with above fluid.
CONTROL	Hand wheel of cast iron with piston position index.
BOLTS AND NUTS	Steel at 90 kg/mm ²
	Note: no part of copper metal
CONDITIONS	Normal Atmosphere
MAKE	BONETTI/ Equivalent

Bill of Quantity

Sr. No.	Size	Qty (Nos.)	Remarks
1.	DN 6	20	
2.	DN 40	10	

SPECIFICATION SHEET

Regulating Piston Valve (Carbon Steel, Flanged)

LIMITS OF USE	Rating	300 lbs
	Temperature	250 °C
	Gauge pressure	20 bars
TEST	Body test	30 bars
	Seat test	7 bars air under water

SERVICE FLUIDS	Saturated Steam, Pressured Hot Water, Condensate, Compressed Air, Nitrogen, Fuel, Caustic Soda
BODY	Straight – Carbon Steel
BONNET	Bolted – Carbon Steel
CONNECTION	Raised Face Flanges, “stock finish” machining, machined bolt facings, drilling as per ASME B 16.5
OBUTRATOR	Piston for flowrate adjustment – stainless steel, Balanced piston
THREADED STEM	Stainless Steel.
TIGHTNESS WASHERS	Material to be defined in accordance with above fluids.
CONTROL	Cast-Iron handwheel with piston position index.
BOLTS AND NUTS	Steel at 90 kg/mm ²
	Note: no part of copper metal
CONDITIONS	Normal Atmosphere
MAKE	BONETTI/ Equivalent

Bill of Quantity

Sr. No.	Size	Qty (Nos)	Remarks
1.	DN 15	10	
2.	DN 25	10	
3.	DN 50	20	

SPECIFICATION SHEET

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On / Off Piston Valve (Carbon Steel, Flanged)

LIMITS OF USE	Rating	300 lbs
	Temperature	250 °C
	Gauge pressure	20 bars
TEST	Body test	30 bars
	Seat test	7 bars air under water

SERVICE FLUIDS	Saturated Steam, Pressured Hot Water, Condensate, Compressed Air, Nitrogen, Fuel, Caustic Soda
BODY	Straight – Carbon Steel
BONNET	Bolted – Carbon Steel
CONNECTION	Raised Face Flanges, “stock finish” machining, machined bolt facings, drilling as per ASME B 16.5
OBUTRATOR	Piston for On/Off working – stainless steel, Balanced piston
GUIDE STEM	Stainless Steel.
TIGHTNESS WASHERS	Material to be defined in accordance with above fluids.
CONTROL	Cast-Iron handwheel
BOLTS AND NUTS	Steel at 90 kg/mm ²
	Note: no part of copper metal
CONDITIONS	Normal Atmosphere
MAKE	BONETTI/ Equivalent

Bill of Quantity

Sr. No.	Size	Qty (Nos)	Remarks
1.	DN 15	50	
3.	DN 25	20	
4.	DN 50	30	

SPECIFICATION SHEET

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On / Off Piston Valve (Carbon Steel, Socket Welding)

LIMITS OF USE	Rating	150 lbs
	Temperature	250 °C
	Gauge pressure	20 bars
TEST	Body test	30 bars
	Seat test	7 bars air under water

SERVICE FLUIDS	Saturated Steam, Pressured Hot Water, Condensate, Compressed Air, Nitrogen, Fuel, Caustic Soda
BODY	Straight – Carbon Steel
BONNET	Bolted – Carbon Steel
CONNECTION	Bored, Socket-Welding type for standard schedule tube.
OBUTRATOR	Piston for On/Off working – stainless steel
THREADED STEM	Stainless Steel.
TIGHTNESS WASHERS	Material to be defined in accordance with above fluids.
CONTROL	Cast-Iron handwheel
BOLTS AND NUTS	Steel at 90 kg/mm ²
	Note: no part of copper metal
CONDITIONS	Normal Atmosphere
MAKE	BONETTI/ Equivalent

Bill of Quantity

Sr. No.	Size	Qty (Nos)	Remarks
1.	DN 40	20	