


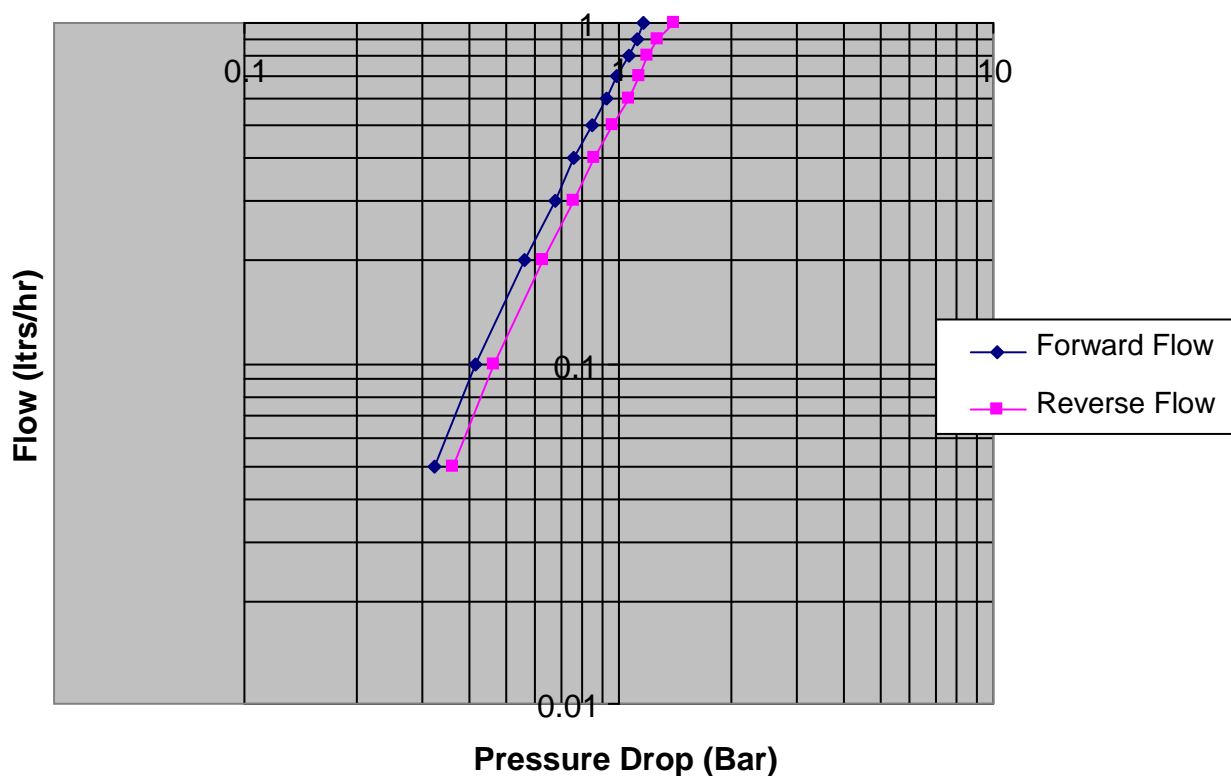
## BOSS™ THERMOSTATIC RADIATOR VALVE AND LOCKSHIELD VALVE

PY Ref	Code	BOSS™ Ref	Description				
656011	49340282		BSS 1/2X15MM TRV & LS PACK				
Feature			Description				
TRV Valve Body connections			15mm inlet, ½ “ BSP MI outlet				
Lockshield Valve Body connections			15mm inlet, ½ “ BSP MI outlet				
Operating Temperature Range – Settings			1	2	3	4	5
			11-13°C	15-17°C	19-21°C	23-25°C	27-29°C
Frost Setting			Setting - 7°C				
Positive Shut-off			Setting ‘0’				
Temperature Range Control			Range limiting and locking provided				
Valve Body Mounting			Vertical or horizontal				
Maximum water temperature (5 bar)			120°C				
Maximum system pressure (65 °C)			10 bar				
TRV Approval			EN215				
Kv at 1 bar nominal			1.17 (forward flow) 1.4 (reverse flow)				
Manufacturing Standard			ISO 9001:2000				
Application suitability			Copper tube to BS 2871: Part1				
							
			½”/15mm x ½” TRV		½”/15mm x ½” Lockshield		

Feature	Benefits
Range includes 15mm and 8/10mm connections	Caters for almost every popular size of copper tube
Pack includes matching lockshield valve	Ensures maximum convenience for installer when fitting valves to heat emitters
TRV designed for reverse flow conditions	Ensures quiet operation when site conditions make it difficult to identify heating flow direction
Adjustable temperature range 11°C – 29°C	Allows flexibility in setting comfort levels and optimises energy efficiency
Temperature range locking	Allows user to customise temperature settings. Prevents over or under heating in public areas & optimises energy efficiency
Positive shut-off at setting '0'	Enables the heat emitter to be removed for decorating without draining the whole system
TRV approved to EN 215	Meets international standards of guaranteed thermal and hydraulic performance to ensure consistent comfort levels
Separate frost setting (7°C)	Prevents damage to pipes and heat emitters in cold weather
Polished chrome plate finish	Adds aesthetic appeal in any setting
Manufactured to ISO 9001: 2000	Manufactured to international quality standards - guaranteed quality and reliability

## TRV Flow Characteristic

### TRV Flow



Kv at 1 bar nominal: 1.17 (forward flow)  
1.4 (reverse flow)