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ISO 9001

spirax/sarco

TI-P153-01
ST Issue 3

Integral Blowdown Valve

Description

The integral blowdown valve is an assembly designed to be fitted to the following range of Spirax Sarco steam traps to discharge the contents of the strainer screen:

BPC32Y, BPS32Y, SMC32Y, TD3-3, TD42, TD42H, TD42L, TD62 and UTD30L.

Limiting conditions

Body design conditions	PN63
PMA - Maximum allowable pressure	63 bar g
TMA - Maximum allowable temperature	400°C
Designed for a maximum cold hydraulic test pressure of 95 bar g	

Operating range

See the technical information sheet for the relevant trap.

Materials

No.	Part	Material	
1	Blowdown cap	Stainless steel	ASTM A 582 416
2	Blowdown screw	Stainless steel	ASTM A 276 431
3	Blowdown valve	Stainless steel	AISI 440B
4	Cap gasket	Stainless steel	BS 1449 304 S16

Dimensions/weights (approximate) in mm and kg

Trap	Size	F	G	TI ref. no.	Weight (Blowdown valve)
BPC32Y, BPS32Y and SMC32Y	½"	82	110	TI-P005-01	0.25
	¾"	83	111	TI-P005-03	
	1"	85	113	TI-P076-10	
TD3-3	⅜"	86	118	TI-P068-04	0.25
	½" LC	89	121		
	½"	89	121		
	¾"	103	135		
TD42 and TD42H	⅜"	71	103	TI-S01-03 TI-S02-02	0.25
	½" LC	71	103		
	½"	71	103		
	¾"	70	105		
TD42L	½"	71	103	TI-S01-03	0.25
	¾"	80	113		
	1"	85	115		
TD62 (Screwed and socket weld only)	½"	84	104	TI-P068-08	0.3
	¾"	84	104		
	1"	84	104		
UTD30L		71	103	TI-P154-01	0.25

Safety information, installation and maintenance

For full details see the Installation and Maintenance Instructions (IM-P600-02) supplied with the product.

Note: The blowdown valve has a screw (2) which can be unscrewed with a 19 mm A/F spanner to discharge the contents of the strainer screen. A locked set screw will prevent the screw from disengaging from the blowdown cap. Ensure adequate safety precautions are taken when opening the blowdown valve to atmosphere.

Warning: Hand protection is recommended.

How to order

Example: 1 off Spirax Sarco integral blowdown valve for connection to a Spirax Sarco ½" TD42 thermodynamic steam trap.

Alternatively: 1 off Spirax Sarco Integral blowdown valve supplied coupled to a Spirax Sarco ½" TD42 thermodynamic steam trap.

