3-HPB-H 15



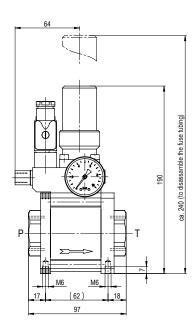
pressure limitation valve type HPB-H 15

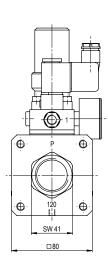
3-NPD-N 13					
valve type with pilot valve					
	control valve manuel	ovtornal	ly controlled		
		anuel externally controlled range PN 5-120 bar			
	pressure range				
	orifice	DN 15 m	DN 15 mm		
a fr an a	connection	connection thread function manual stepless pressure regulation			
	function				
44H 15					
0					
0					
	design	externall	y controlled with spring re	turn	
Above stated body materials refer	body materials	(1)		4	
the valve port connections that get in		-	aalvanizod		
contact with the media only!		(2) steel,	galvanized	5	
		3		6	
	valve seat	t metal on metal			
	seal materials	F₽M, РТ	FE		
		general	specifications	options	
	ports		threads G 1	SAE port DIN ISO 6162	
letails needed for main valve	porta				
orifice	function		stepless regulation		
port	pressure regulation range	bar	5-120		
pressure regulating range	flow rate	m³/h	6,0		
flow rate	media		liquid - highly viscous - contaminate	ed	
 media media temperature 					
ambient temperature	abrasive media				
	flow direction	-	as marked		
details needed for pneumatic actuation	settling time		< 900		
nominal voltage	media temperature		0 to +60		
type of protection	ambient temperature approvals		0 to +50		
actuation pressure range min/max	mounting		mounting holes		
	weight	kg	2,6		
	additional equipment			security valve	
		electrical specifications options			
	nominal voltage		DC 24 V	special voltage upon request	
		Un	AC 230 V 50 Hz	special voltage upon request	
	power consumption		4,8 W	2,5 W	
		AC	pick up 11,0 VA holding 8,5 VA		
	protection		acc. DIN 40050		
	energized duty rating	ED	100%		
	connection			B, 3 positions x90° / wire diameter 6-8 mm	
	optional		connector acc. DESINA	connector acc. VDMA	
	additional equipment		iluminated plug with varistor		
	max. temperature		60°C		
	explosion proof	ambient E Ex e II T5	50°C nominal voltage Un	DC 24 V 3,25 W	
	explosion proof		power consumption	AC 230 V 50 Hz 2,90 W	
A					
The valves' technical design is based		pneuma	tic specifications	options	
n media and application requirements.	actuation pressure range		see actuation pressure-diagram		
his can lead to deviations from the general	compressed air	DIN ISO 8573-1 grade of compressed air quality 5/4/3			
specifications shown on the data sheet with	control		preferably 3/2 way pilot valve during low pressure circulation mode		
egards to the design, sealing materials and	actuator ports	1	G 1/8		
characteristics.					
M If order or application specifications are					
ncomplete or imprecise there exists a risk of					
an incorrect technical design of the valve for					
he required application. As a consequence,					
he physical and / or chemical properties of					
the materials or seals used, may not be sui-					
able for the intended application					

specifications not highlighted are standard specifications highlighted in grey are optional

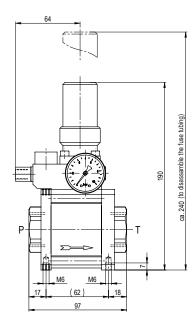
table for the intended application.

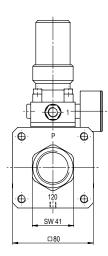
type 3-HPB-H 15



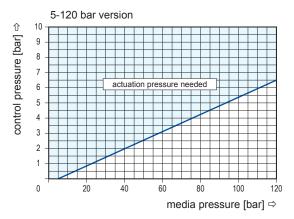


type HPB-H 15

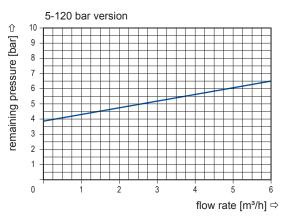




actuation pressure-diagram



pressureless circulation mode



Sound creation during low pressure circulation mode and flow Q= 6 m³/h ca. 70 dbA

müller co-ax shall retain the rights to these documents. Modifications to the documents are strictly prohibited.