

ES and EV Actuators - General Technical Information

Operating Times

Nominal Bore		Minimum Closure Times (seconds)
DN15	(1/2")	1
DN20	(3/4")	1.5
DN25	(1")	2
DN32	(1 1/4")	2.5
DN40	(1 1/2")	3
DN50	(2")	4
DN65	(2 1/2")	5
DN80	(3")	6
DN100	(4")	7.5
DN125	(5")	9
DN150	(6")	11
DN200	(8")	13

Approximate Volume of Operating Fluid (in³) at Specified Operating Pressure (not free air)

Nominal Bore	61	68	62	69	63	70	64	71	65	72
DN15 (1/2")	9	9								
DN20 (3/4")	10	10								
DN25 (1")	12	12	70	70						
DN32 (1 1/4")	14	14	83	74						
DN40 (1 1/2")	16	16	87	89						
DN50 (2")	20	20	91	85	176	193				
DN65 (2 1/2")			96	90	186	204				
DN80 (3")			102	97	198	215	405	405		
DN100 (4")			110		210	227	425	424		650
DN125 (5")					222	239	454	450	700	650
DN150 (6")							478	475	910	650
DN200 (8")									1020	

Air Inlet Port Sizes

Air Inlet Port (BSP)	54/61/68	55/62/69	56/63/70	57/64/71	58/65/72
1/8"	X				
1/4"		X	X	X	
3/8"					X

The information contained herein is correct at the time of issue but may be subject to change without prior notice