

Three-piece maintenance units - G³/₄ - G1¹/₂



Maintenance unit consisting of filter pressure regulator and lubricator, connected with a double nipple. Can be combined with additional equipment to make other variations. Bracket mounting available as accessory. Connection threads G³/₄ up to G1¹/₂.

Control range 0,5-10 bar,		Order No.			
with plastic bowl and manually operated drain valve	Connection threads				
Size	G ³ / ₄ *	G1	G1 1/4*	G 1 ¹ / ₂	
compact	415.38*	415.39	-	-	
large	334.48*	334.49	-	-	
max	-	-	334.410*	334.411	

* inlet and outlet reduced (reductions added loosely, see page 50)





max 281-26

280-228



334.49

Ord	ler	key	for	ado	oitib	nal	opt	ion	S

415/334.xxx

M - metal bowl

S - bowl protection

			•	oraer No
Spare parts and accessories			compact	large
Bracket mounting for mounting on top of the cover	(required 2	x)	406-17	281-26
Connecting parts (double nipple) of	for	G1	415-12	415-14
the basic units (without reduction)		G11/2	-	-

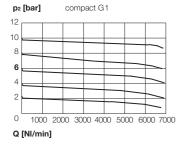
Technic	al data		Size compact	Size large	Size max		
Nominal r	ates of flow**		5330 NI/min	6000 NI/min	6670 NI/min		
Min. flow	rate***		117 NI/min	167 NI/min	167 NI/min		
Max. oper	ating pressure (p ₁)	- plastic bowl		16bar			
		- metal bowl	25 bar				
Operating	temperature	- plastic bowl	0°C up to +50°C				
		 metal bowl 		0°C up to +90°C			
Effective I	bowl volume	- filter bowl	80 cm ³	260 cm ³	260 cm ³		
		- oil bowl	135 cm ³	360 cm ³	360 cm ³		
Mounting	position		vertical				
Direction	of flow		see arrow				
Nominal width DN20 DN20 DN25					DN 25		
Nominal p	ressure (housing)	PN25					
Dependen	lence upon supply pressure < 2%						
Reversing	control hysteresis			~ 1 bar			
Weight			5250g	7270g	9950g		
Material	 diaphragm/seals 		NBR	NBR	NBR		
	- housing: - filters/	lubricators	zinc alloy	aluminum	aluminum		
	- pressu	ire regulator	zinc alloy	brass	brass		
	- filter element		sintered bronze	sintered bronze	sintered bronze		
	 plastic bowl 		polycarbonate	polycarbonate	polycarbonate		
** measured at $p_1 = 8$ bar, $p_2 = 6$ bar and $\Delta p = 1$ bar *** oil delivery 10 droplets/min at 6 bar							

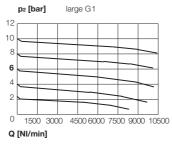
Dimensions [mm]

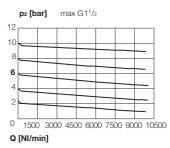
Difficultion [mmn]							
Size	com	pact	large		max		
Con- nection threads	G ³ / ₄ *	G1	G ³ / ₄ *	G1	G1 ¹ / ₄ *	G1½	
А	290	290	426	426	426	426	
В	315	290	382	370	382	370	
С	69	69	58	58	58	58	
D	176	176	206	206	206	206	
E	90	90	130	130	130	130	

^{*} inlet and outled reduced (reductions added loosely)

Rates of flow p1=p2+2bar







Recommended oil: Oil containers made of plastic (polycarbonate) are attacked by oil additives, anti-frost or synthetic oils. We therefore recommend regular lubricating oils of approx. 22 up to 32 cSt at 40 °C (in case of percussive tools - such as impact wrenches - up to 68 cSt). Metal containers should be used for other oils, especially for low-temperature oils. Also recommended is a metal lubricator adjusting cap.

ewo Compressed air special oil

Oils see chapter 11

Container	Order No.
Volume 1 litre	583
Volume 5 litre	583.1

Condensate drain valves see chapter 8 Fasteners and connecting elements see page 49



Filters see page 21 Pressure regulators see page 32 Lubricators see page 41