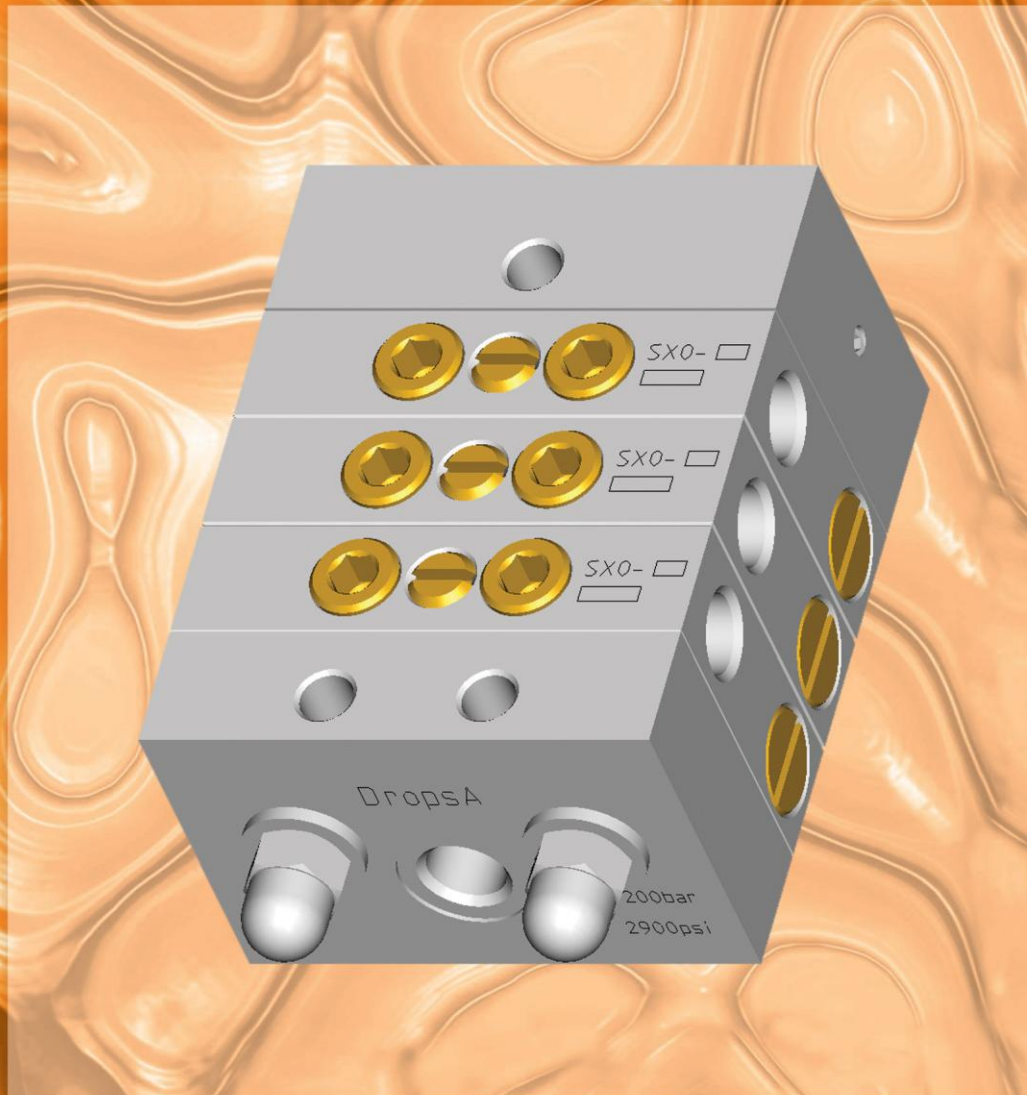




Serial SXO aluminium



Automatic Lubrication Systems

GB SERIAL SXO ALUMINIUM
USA

Modular progressive distributor SXO aluminium body

The modular progressive distributor SXO system uses a single line to distribute the lubricant. This allows full control of the system with a single control device mounted on one of the distributor elements.

As the piston movement is the essential condition for the movement of the following piston, all distributor elements of a system are connected. Therefore, if a single piston of any distributor element of the system blocks off (even if it belongs to a different base), the entire system is also blocked off. This feature is very important for the control of a centralized system: in fact, you only need a single microswitch, reed switch or inductive proximity sensor installed on a element outlet to control the full system.

Part No.									
Nuts 2	Washer 2	Tie-rod 2		Inlet element 1		Metering element min 3 - max 10			End element 1
Part No.	Part No.	No. of Elem.	Part No.	BSP 1/8	NPTF 1/8	cm ³ (cu.in.)	BSP 1/8	NPTF 1/8	Part No.
16742	16291	3	644666	644685	644695	0.05 (0,003)	644680	644690	644659
		4	644667			0.10 (0,006)	644681	644691	
		5	644668			0.15 (0,009)	644682	644692	
		6	644669			0.20 (0,012)	644683	644693	
		7	644676			0.25 (0,015)	644684	644694	
		8	644677						
		9	644678						
		10	644679						

Technical data:

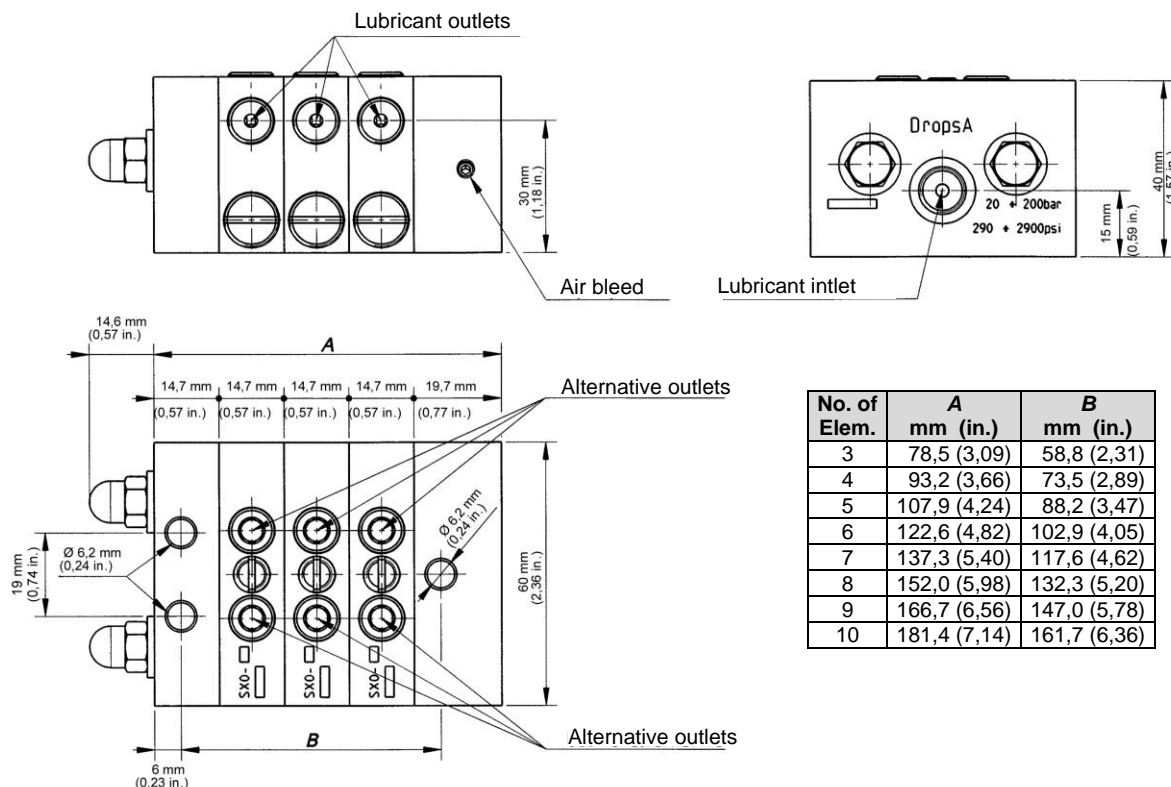
Operating pressure: min. 20 bar (290 psi) – max 200 bar (2900 psi)

No. of Cycles/minute: 200 max.

Tie-rod clamping torque: 1 kgm max.

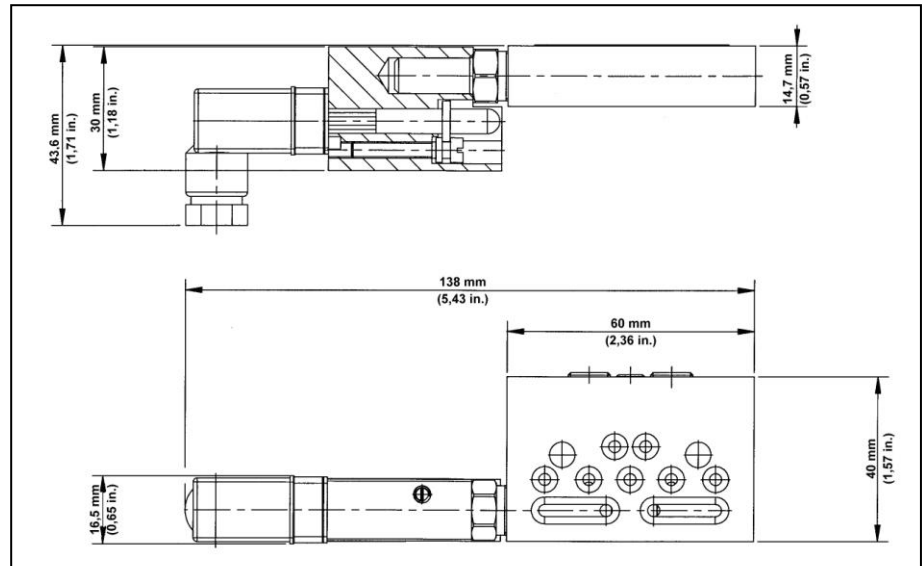
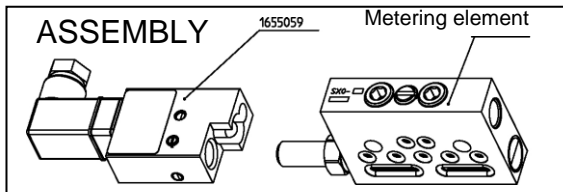
Lubricant: oil min. 32 cSt (149 SUS) – grease max. 2 NLGI (265-295 ASTM)

Overall Dimensions





OUTLETS	SYMBOL	cm ³	cu.in.	ELEMENT	ASSEMBLY
G 1/8" UNI-ISO 228/1	SX0 05	0,05	0,003	644710	644735
	SX0 10	0,10	0,006	644711	644736
	SX0 15	0,15	0,009	644712	644737
	SX0 20	0,20	0,012	644713	644738
	SX0 25	0,25	0,015	644714	644739
1/8" NPTF	SX0 05	0,05	0,003	644720	644740
	SX0 10	0,10	0,006	644721	644741
	SX0 15	0,15	0,009	644722	644742
	SX0 20	0,20	0,012	644723	644743
	SX0 25	0,25	0,015	644724	644744

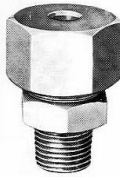
These metering elements have been designed to check the function of progressive systems. They assure that no loss of lubricant occur outside the working chamber. They check the metering element's piston back-and-forth movement. The magnet installed on the piston, activates a reed contact which, if it is connected to an electrical counter, can display up to 500 movements/minute.




The pressure indicators are used to check the pressure in the main and secondary lines. In the pin types, the pressure acts on a small hardened and round piston which displaces the indicator rod when the set pressure is reached. The indicator returns when the pressure returns to zero. In the disc type, the disc itself bursts when the set pressure is accidentally exceeded. In the pressure indicator with memory, the indicator rod moves out when an abnormal pressure rise occurs, in the line where the indicator is fitted, due to a blockage of the lubricant to the bearing. A locking device prevents the return of the rod and indicates the fault to the operator. The indicator rod is released by lifting the lever.

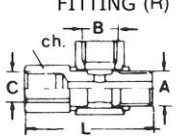
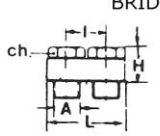
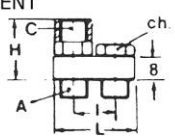
PRESSURE INDICATOR WITH PIN			
Pressure		Assembly Part No.	 Height mm 31 (1,22 in.) Thread mm 12 (0,47 in.)
psi	bar	1/8 gas	
300	20	3290019	
450	30	3290006	
750	50	3290007	
1500	100	3290008	
2200	150	3290009	
2900	200	3290010	

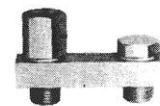
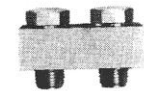
PRESSURE INDICATOR WITH MEMORY			
Pressure		Assembly Part No.	 Height mm 43 (1,69 in.) Thread mm 12 (0,47 in.)
psi	bar	1/8 gas	
450	30	3290000	
750	50	3290001	
1100	75	3290022	
1500	100	3290002	
2200	150	3290003	
2900	200	3290004	

PRESSURE INDICATOR WITH DISC			
Pressure		Assembly Part No.	 Height mm 28 (1,1 in.) Thread mm 17 (0,67 in.)
psi	bar	1/8 gas	
450	30	3290012	
750	50	3290013	
1500	100	3290014	
2200	150	3290015	
2900	200	3290016	

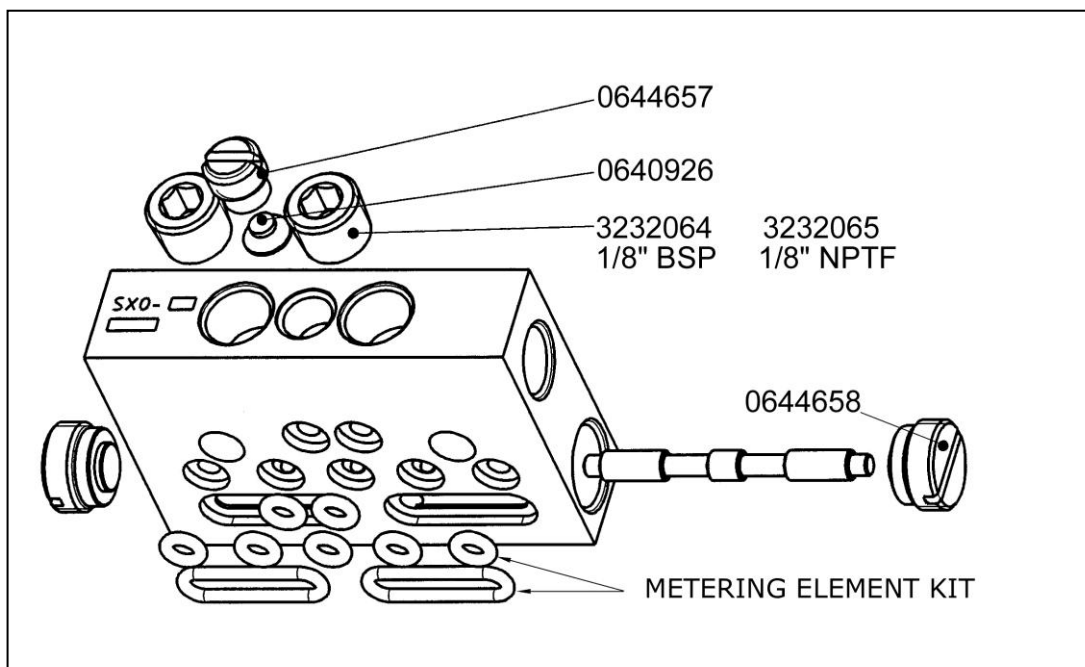
STAINLESS STEEL VISUAL INDICATOR	
Assembly Part No.	
1655210	 Height mm 38 (1,5 in.) Thread mm 13 (0,51 in.)
M12x1	

Bridge elements

CHARACTERISTICS		FITTING (R)					BRIDGE ELEMENT										
																	
Thread	A	B	C	Ch	L	tube C	Part No.	Ch	L	H	I	Part No.	Ch	L	H	I	Part No.
BSP	1/8	1/8	1/8	12	36,5	6	640999	12	29	14	14,7	640041	12	29	23,5	14,7	640061
NPTF	1/8	1/8	1/8	12	34,5	—	640101	12	29	18,5	14,7	643156	12	29	23	14,7	643158



Spare parts



Complete set of "O-Rings" for:

Inlet element: Part No. 0640817
 Metering Element: Part No. 0640816
 End Element: No "O-Rings"

Note: It is possible to double the delivery of a single element by removing the washer underneath the central plug. (Part No. 0640926).
 The plugs to plug off the second outlet (Part No. 3232064 - 3232065) must be ordered separately.

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