

Double Line Divider for Oil or Grease SONED® Model DA and DB

Description

Manufactured for oil or grease lubrication, this allows metered injection of lubricant at each outlet according to the demand of point to be safely and efficiently lubricated.

Lubricant is released at each point controlled by a controlling piston and another injecting piston, through hydraulic actuation according to the inversion of pressure and relief caused by the central pump of the system at two feeding lines.

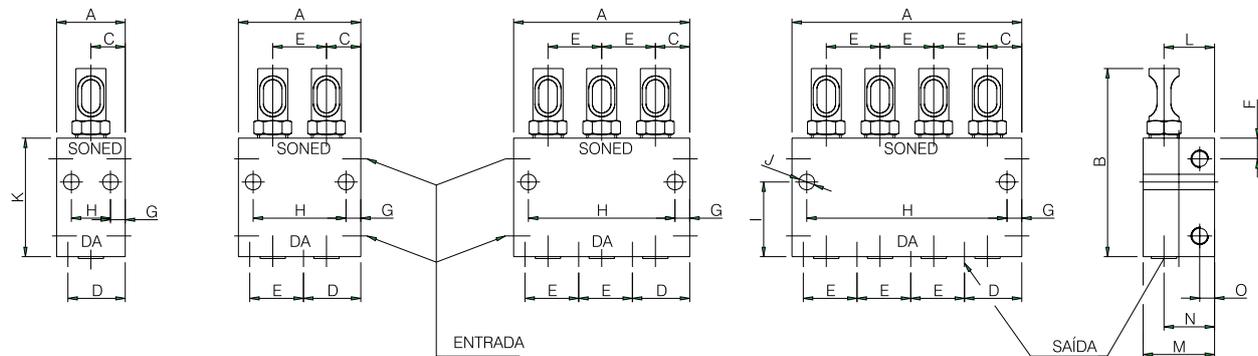
Model DA

These are composed by blocks with 1 to 4 outlets and which flows may be individually regulated within the limits indicated in the attached table.

Model DB

These may be supplied with 2, 4, 6 or 8 outlets, however flows may only be regulated in couples, as they only have a regulating bolt for every two outlets. Yet, there is the possibility to close one outlet thus multiplying discharge volume by two at remaining branch case in which flow may be individually regulated.

Model DA



Specifications

Distributors measures	Dimensions in millimeters															Connecting tubing	
	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	Inlet	Outlet
DA - 31	44,45	100,8	22,2	36,5	-	11,1	11,9	20,6	40,0	Ø21/64	63,5	26,9	38,0	26,9	9,1	3/8"NPT	1/8"NPT
DA - 32	73,0	100,8	22,2	36,5	28,57	11,1	36,5	-	40,0	Ø21/64	63,5	26,9	38,0	26,9	9,1	3/8"NPT	1/8"NPT
DA - 33	102,0	100,8	22,2	36,5	28,57	11,1	36,5	28,57	40,0	Ø21/64	63,5	26,9	38,0	26,9	9,1	3/8"NPT	1/8"NPT
DA - 34	130,0	100,8	22,2	36,5	28,57	11,1	36,5	57,15	40,0	Ø21/64	63,5	26,9	38,0	26,9	9,1	3/8"NPT	1/8"NPT
DA - 41	48,0	121,4	23,6	39,5	-	10,3	10,1	27,0	48,0	Ø21/64	76,0	28,7	40,0	28,7	11,27	3/8"NPT	1/4"NPT
DA - 42	79,0	121,4	23,6	39,5	31,75	10,3	10,1	58,8	48,0	Ø21/64	76,0	28,7	40,0	28,7	11,27	3/8"NPT	1/4"NPT
DA - 43	111,0	121,4	23,6	39,5	31,75	10,3	10,1	90,5	48,0	Ø21/64	76,0	28,7	40,0	28,7	11,27	3/8"NPT	1/4"NPT
DA - 44	143,0	121,4	23,6	39,5	31,75	10,3	10,1	122,5	48,0	Ø21/64	76,0	28,7	40,0	28,7	11,27	3/8"NPT	1/4"NPT
DA - 51	54,0	141,28	25,5	43,7	-	13,5	10,3	33,3	53,2	Ø21/64	82,0	32,85	45,0	32,85	12,5	3/8"NPT	1/4"NPT
DA - 52	90,0	141,28	25,5	43,7	36,5	13,5	10,3	69,8	53,2	Ø21/64	82,0	32,85	45,0	32,85	12,5	3/8"NPT	1/4"NPT
DA - 53	127,0	141,28	25,5	43,7	36,5	13,5	10,3	106,3	53,2	Ø21/64	82,0	32,85	45,0	32,85	12,5	3/8"NPT	1/4"NPT
DA - 54	164,0	141,28	25,5	43,7	36,5	13,5	10,3	142,8	53,2	Ø21/64	82,0	32,85	45,0	32,85	12,5	3/8"NPT	1/4"NPT
DA - 61	66,0	164,4	33,2	56,2	-	16,0	10,2	46,0	55,2	Ø21/64	89,0	36,9	57,0	36,9	12,2	3/8"NPT	1/4"NPT
DA - 62	108,0	164,4	29,2	52,1	46,0	16,0	10,2	87,9	55,2	Ø21/64	89,0	36,9	57,0	36,9	12,2	3/8"NPT	1/4"NPT

Purchasing Codes

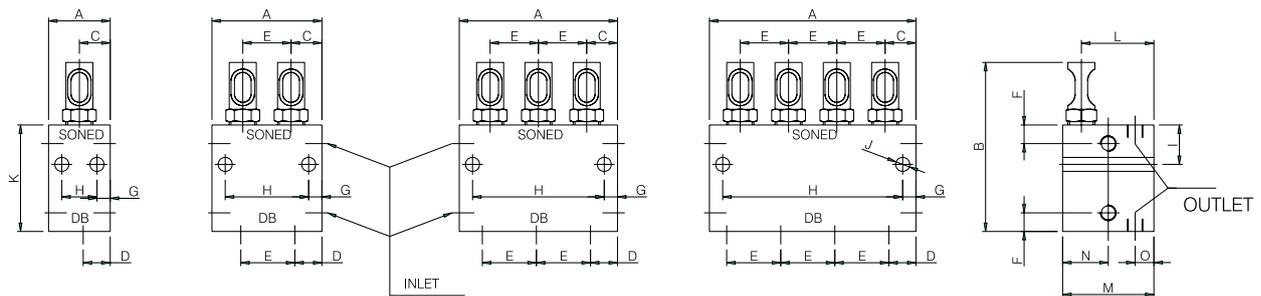
Code	Reference	Model									
10136	DA-0131001	DA-31	10138	DA-0131005	DA-41	10142	DA-0131009	DA-51	10146	DA-0131013	DA-61
10137	DA-0131002	DA-32	10139	DA-0131006	DA-42	10143	DA-0131010	DA-52	10147	DA-0131014	DA-62
5039	DA-0131003	DA-33	10140	DA-0131007	DA-43	10144	DA-0131011	DA-53			
5040	DA-0131004	DA-34	10141	DA-0131008	DA-44	10145	DA-0131012	DA-54			

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(Continued)

Model DB



Distributors measure	Dimensions in millimeters															Connecting pipes	
	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	Entrada	Saída
DB - 32	44,0	116,0	24,0	16,0	32,0	11,0	7,0	30,0	27,0	Ø21/64"	79,0	44,0	54,0	27,0	11,5	3/8"NPT	1/4"NPT
DB - 34	76,0	116,0	24,0	16,0	32,0	11,0	7,0	62,0	27,0	Ø21/64"	79,0	44,0	54,0	27,0	11,5	3/8"NPT	1/4"NPT
DB - 36	108,0	116,0	24,0	16,0	32,0	11,0	7,0	94,0	27,0	Ø21/64"	79,0	44,0	54,0	27,0	11,5	3/8"NPT	1/4"NPT
DB - 38	140,0	116,0	24,0	16,0	32,0	11,0	7,0	126,0	27,0	Ø21/64"	79,0	44,0	54,0	27,0	11,5	3/8"NPT	1/4"NPT
DB - 42	44,0	124,0	24,0	16,0	32,0	11,0	7,0	30,0	27,0	Ø21/64"	79,0	44,0	54,0	27,0	11,5	3/8"NPT	1/4"NPT
DB - 44	76,0	124,0	24,0	16,0	32,0	11,0	7,0	62,0	27,0	Ø21/64"	79,0	44,0	54,0	27,0	11,5	3/8"NPT	1/4"NPT
DB - 46	108,0	124,0	24,0	16,0	32,0	11,0	7,0	94,0	27,0	Ø21/64"	79,0	44,0	54,0	27,0	11,5	3/8"NPT	1/4"NPT
DB - 48	140,0	124,0	24,0	16,0	32,0	11,0	7,0	126,0	27,0	Ø21/64"	79,0	44,0	54,0	27,0	11,5	3/8"NPT	1/4"NPT
DB - 52	44,0	138,0	24,0	16,0	32,0	11,0	7,0	30,0	27,0	Ø21/64"	79,0	44,0	54,0	27,0	11,5	3/8"NPT	1/4"NPT
DB - 54	76,0	138,0	24,0	16,0	32,0	11,0	7,0	62,0	27,0	Ø21/64"	79,0	44,0	54,0	27,0	11,5	3/8"NPT	1/4"NPT
DB - 56	108,0	138,0	24,0	16,0	32,0	11,0	7,0	94,0	27,0	Ø21/64"	79,0	44,0	54,0	27,0	11,5	3/8"NPT	1/4"NPT
DB - 58	140,0	138,0	24,0	16,0	32,0	11,0	7,0	126,0	27,0	Ø21/64"	79,0	44,0	54,0	27,0	11,5	3/8"NPT	1/4"NPT

Purchasing codes

Code	Reference	Model	Code	Reference	Model
10148	DB-0141001	DB-32	10154	DB-0141007	DB-46
10149	DB-0141002	DB-34	10155	DB-0141008	DB-48
10150	DB-0141003	DB-36	10156	DB-0141009	DB-52
10151	DB-0141004	DB-38	10157	DB-0141010	DB-54
10152	DB-0141005	DB-42	9421	DB-0141011	DB-56
10153	DB-0141006	DB-44	10158	DB-0141012	DB-58

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(Continued)

Specifications

Series	Model	Weight (kg)	Lubri- cant	Nº of outlets	Volume displaced per inversion		Loss due to inversion (1)	Quantity adjusted per 1 turn of regulating screw	Working pressure		Temperature
					Minimum	Maximum			Minimum	Maximum (2)	
30	DA - 31	0,700	OIL OR GREASE Max. NLGI 2	1	0,2 cm ³ (0.012 pol ³)	1,2 cm ³ (0.072 pol ³)	0,5 cm ³ (0.030 pol ³)	0,06 cm ³ (0.003 pol ³)	15 kg / cm ² (213 psi)	210,9 kg / cm ² (3000 psi)	90 °C maximum
	DA - 32	1,200		2							
	DA - 33	1,600		3			0,2 cm ³ (0.012 pol ³)				
	DA - 34	2,200		4							
30	DB - 32	1,200		1to 2	0,2 cm ³ (0.012 pol ³)						
	DB - 34	2,150		2to 4		0,2 cm ³ (0.012 pol ³)					
	DB - 36	3,060		3 to 6	0,2 cm ³ (0.012 pol ³)						
	DB - 38	4,020		4 to 8		0,6 cm ³ (0.036 pol ³)	2,2 cm ³ (0.134 pol ³)	0,55 cm ³ (0.033 pol ³)			
40	DA - 41	0,900		1	0,2 cm ³ (0.012 pol ³)						
	DA - 42	1,600		2				0,2 cm ³ (0.012 pol ³)			
	DA - 43	2,200		3	1,2 cm ³ (0.073 pol ³)				5 cm ³ (0.305 pol ³)		
	40	DA - 44		2,900		4	0,2 cm ³ (0.012 pol ³)				
DB - 42		1,220		1to 2		0,2 cm ³ (0.012 pol ³)					
DB - 44		2,150		2to 4			0,2 cm ³ (0.012 pol ³)				
DB - 46		3,080		3 to 6	0,63 cm ³ (0.038 pol ³)	0,15 cm ³ (0.009 pol ³)		12 kg / cm ² (170 psi)			
DB - 48	4,000	4 to 8		0,2 cm ³ (0.012 pol ³)							
50	DA - 51	1,300	1				0,2 cm ³ (0.012 pol ³)				
	DA - 52	2,200	2	0,2 cm ³ (0.012 pol ³)							
	DA - 53	3,400	3		3 cm ³ (0.183 pol ³)	14 cm ³ (0.854 pol ³)	0,63 cm ³ (0.038 pol ³)	0,68 cm ³ (0.041 pol ³)			
	DA - 54	4,400	4	0,63 cm ³ (0.038 pol ³)							
50	DB - 52	1,340	1to 2				0,63 cm ³ (0.038 pol ³)				
	DB - 54	2,160	2to 4	0,63 cm ³ (0.038 pol ³)							
	DB - 56	3,080	3 to 6		0,63 cm ³ (0.038 pol ³)						
	DB - 58	4,060	4 to 8	0,63 cm ³ (0.038 pol ³)							
60	DA - 61	2,500	1		0,63 cm ³ (0.038 pol ³)						
	DA - 62	3,800	2	0,63 cm ³ (0.038 pol ³)							

(1) Quantity of lubricant needed to operate controlling piston. (2) In oil system, do not surpass 100 kg / cm² (1420 psi)