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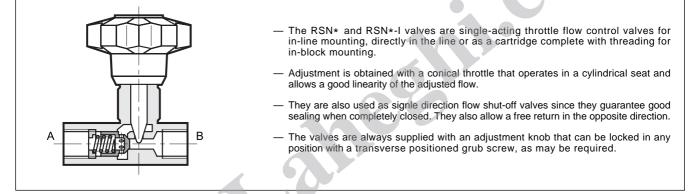


RSN* SINGLE-ACTING THROTTLE FLOW CONTROL VALVE SERIES 30

THREADED PORTS CARTRIDGE TYPE

p max (see technical specifications table)Q max (see technical specifications table)

OPERATING PRINCIPLE

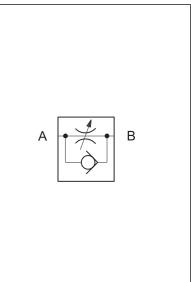


TECHNICAL SPECIFICATIONS (obtained with mineral oil with viscosity of 36 cSt at 50°C)

Valve Code	Port	Nominal	Max. flow	Mass	Max. operating
	dimensions	flow rate	with open flow		pressure
	BSP	[l/min]	[l/min]	[kg]	[bar]
RSN2	1/4"	15	35	0,25	
RSN3	3/8"	30	80	0,5	400
RSN4	1/2"	50	150	0,75	
RSN5	3/4"	80	200	1,6	
RSN6	1"	150	300	3,05	
RSN7	1.1/4"	200	400	3,75	320
RSN8	1.1/2"	220	500	5,75	
RSN2-I	_	15	35	0,13	
RSN3-I	_	30	80	0,25	320
RSN4-I	_	50	150	0,34	
RSN5-I	_	80	200	0,62	

Direct check valve opening pressure	bar	0,35	
Ambient temperature range	°C	-20 ÷ +50	
Fluid temperature range	°C	-20 ÷ +80	
Fluid viscosity range	cSt	10 ÷ 400	
Recommended viscosity	cSt	25	
Degree of fluid contamination	According to NAS 1638 class 10		

HYDRAULIC SIMBOL

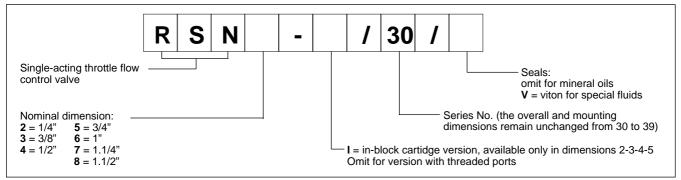


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RSN* SERIES 30

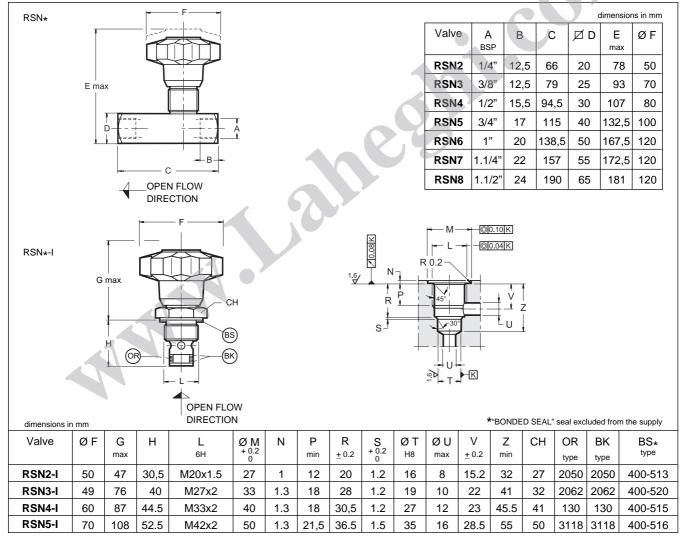
1 - IDENTIFICATION CODE



2 - HYDRAULIC FLUIDS

Use mineral oil-based hydraulic fluids, with the addition of suitable anti-frothing and anti-oxidizing agents. For the use of other types (water glycol, phosphate esters and others), please consult our technical department.

3 - OVERALL AND MOUNTING DIMENSIONS





DUPLOMATIC OLEODINAMICA SpA

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