

OPL-407

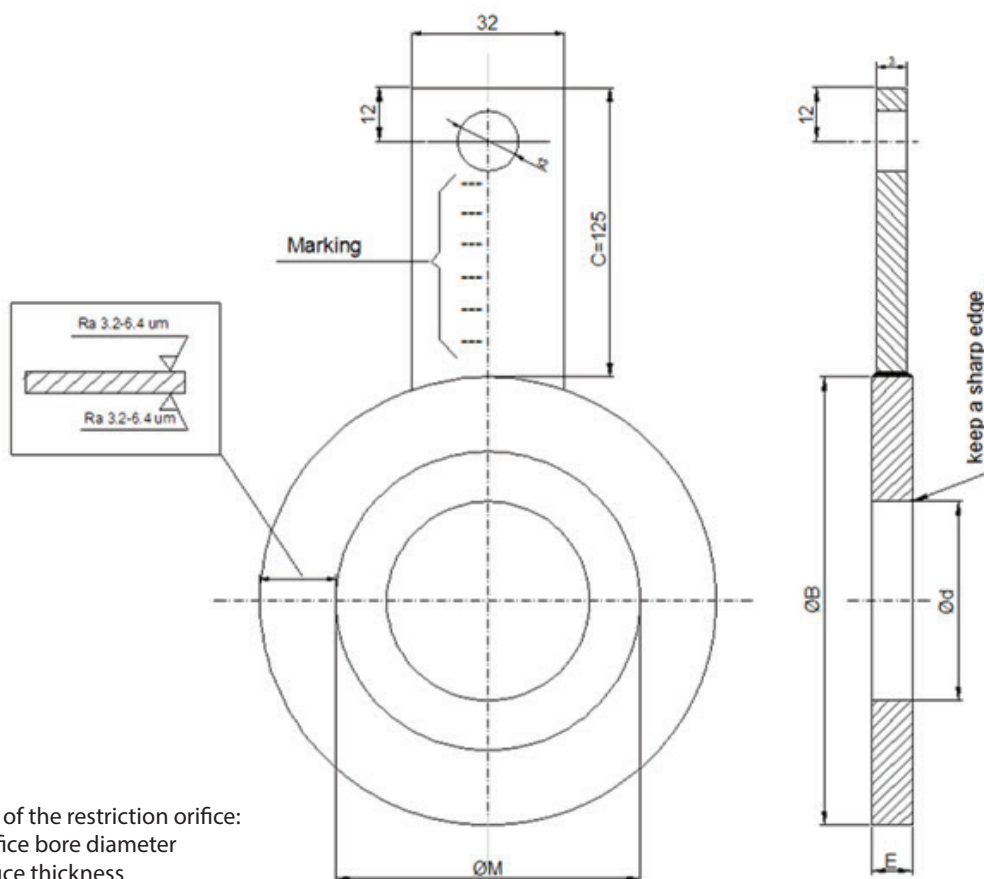
Restriction orifice

Orifice (orifice plate) restriction single- or multi-hole provides an inexpensive item for a specified pressure drop flow under varying pressure on upstream the side.

Dimensions of restriction orifice due to the flange standards, ASME B16.5 or BS EN 1092-1 and are described in the following table:

Note: bore diameter shall be provided by Buyer, alternatively calculation may be done by Alf-Sensor using data provided (ref to OPL_FLOW QUESTIONNAIRE).

Note: full specification is used in conjunction with the construction drawings after receiving the order.



Dimensional data of the restriction orifice:

D – restriction orifice bore diameter

E – restriction orifice thickness

M – diameters gasket

DN, PN – nominal diameter / pressure rating according to EN-PN 1092-1 or

NPS & rating – nominal diameter / rating according to ASTM B16.5

Ordering Information

OPL- 407	A	B	C	D	E	F	G	H				
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A Nominal Pipe Diameter, DN or NPS	
	according to EN-DIN
	according to ASME

B Rating / Facing	
	according to EN-DIN
	according to ASME

C Internal Pipe Diameter, D	
	specify in mm

D Bore Diameter, d	
	specify in mm*

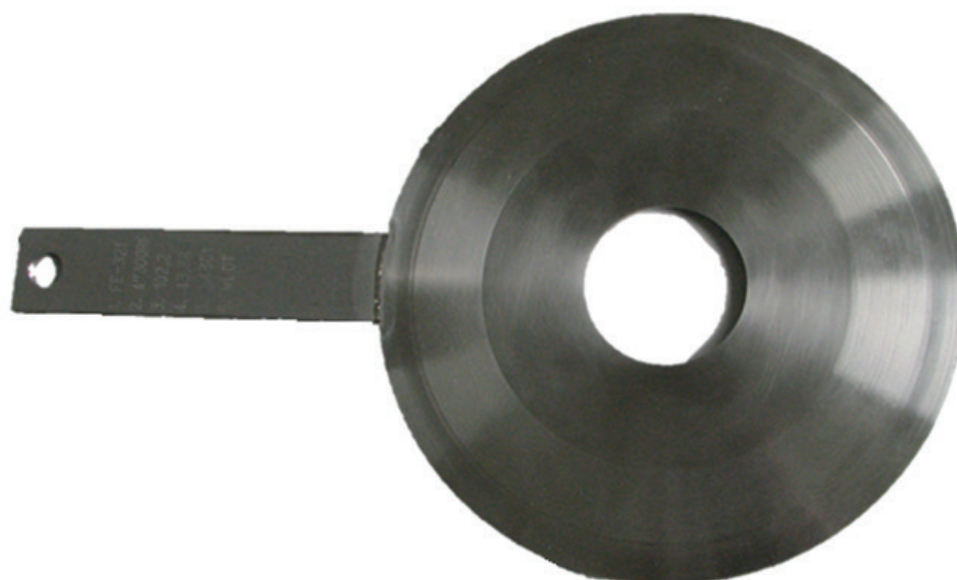
E Restriction Orifice Thickness, E	
	specify in mm

F Restriction Orifice Material	
	specify material

G Outside Diameter, A	
	specify in mm

H Special Requirements	
	e.g. multi-hole orifice

* Bore diameter is calculated by Alf-Sensor on the base of FLOW QUESTIONNAIRE filled in by Buyer



Ordering Example:

OPL-407-DN50-PN40/B1-52,51-5-4-1.4301-108

stands for: Restriction orifice, nominal pipe diameter DN50, flange PN 40 / facing B1 according to EN 1092-1, internal pipe diameter 52,51 mm, restriction orifice bore diameter 5 mm, restriction orifice thickness 4 mm , restriction orifice material 1.4301, outside diameter 108 mm