

OPL-405

Orifice plate and neck flange assembly according to EN ISO 5167:2005 for $D \geq 50$ mm ASME-MFC-14M-2003 for $D < 50$ mm Corner Taps

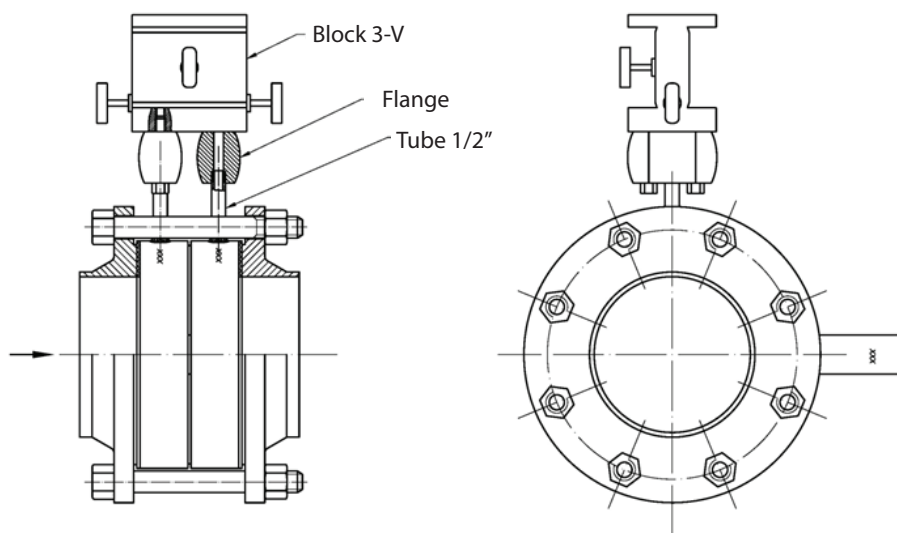
Detailed description is show on the construction drawings submitted by Customer Or prepared by Alf-Sensor.

The assembly consists of:

- Orifice plate manufactured according to Data Sheet Kat402_EN
- Neck flanges, 2 ea
- Gaskets, 2 ea
- Mounting bolts,
- Jack screws

Dimensional data of flow elements are described in the table.

Note: Purchaser shall advise bore diameter or to fill in the FLOW QUESTIONNAIRE to allow calculation by Alf Sensor.



Orifice / orifice flange assembly, compact PT connection

Ordering Information

OPL- 405	A	B	C	D	E	F	G	H	I	J	K	
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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 Orifice Plate Material	
1.4571	SS316Ti=1.4571
1.4404	SS316L = 1.4404
1.4301	SS304 = 1.4301

F Flange Material	
	specify material

G Bolt and Nut Material	
	specify material

H Gasket Material	
	specify material

I Process Fluid State	
liquid	liquid
gas	gas
steam	steam

J Pressure Tap Connections	
pipe NPS 1/2" for welding connection	pipe NPS 1/2" for welding connection
1/2"NPT (F)	thread 1/2"NPT (F)
tube 1/2" OD for compression fitting	tube 1/2" OD for compression fitting
compact	compact (using Parker make HEFS3 manifold)

K Special Requirements	
	quality certificate
	bidirectional flow
	additional examination
	sharp edge

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

Non-standard models available.

Ordering Example:

OPL-405-DN150-PN40/B1-154,1-70,12-1.4404-P245GH-42CrMo4-graphite/316ss-liquid-compact-sharp edge

stands for: Orifice plate / orifice / Neck flange assembly, DN 150, flange PN40/ B1 facing, internal pipe diam. 154,1 mm, bore diameter 70,12 mm, orifice plate material 1.4404 = SS316L, flange P245GH, Bolt material 42CrMo4, Gasket material graphite/ SS316L, Process fluid: liquid, Compact tap connection (to Parker make type HEFS3 manifold), Sharp edge orifice plate