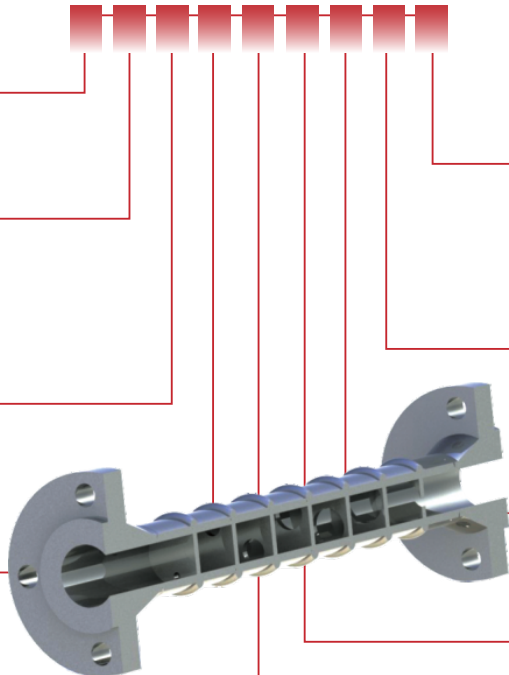


The restriction Orifices are used mainly to drop the pressure in pipe line. There is no fluid flow rate measurement involved and main emphasize is given to 'kill' the pressure in the pipe line. Some times the pressure drop required is very high due to which the fluid velocity will increase extremely high thereby increasing the noise level within the instrument .The fluid starts flowing at sonic flow conditions.

In order to overcome this, rather dropping the pressure suddenly in single stage, multiple Restrictions Orifices are arranged at one times Pipe Internal diameters distances and welded together to form the Multistage Restriction Orifice Assembly. The Fluid Flows in sub-sonic level only and the noise level is within the specified limits.

The Restriction Orifices are arranged in eccentric manner, diametrically opposite each other. The total pressure drop achieved is the Inlet Pressure of first stage minus the differential pressure / DP (Outlet Pressure) after last stage.



Code	Element Type	1
RO	Restriction Orifice	

Code	Element Arrangement	2
Conc	Concentric	
Ecc	Eccentric	
Other	Please Specify	

Code	Element Material	3
304/L	SS304/SS304L	
316/L	SS316/SS316L	
Mo	Monel	
Ti	Titanium	
Hb/Hc	Hastelloy C/B	
A20	Alloy 20	
Other	Please Specify	

Code	Element Thickness	4
W1	3.18mm	
W2	6.35mm	
W3	9.52mm	
XX	Other (Please Specify)	

Code	Number of Stages	5
	Please define [Viz.4 Stages]	

Code	Option	9
0	None	
1	IBR Form IIIC	
Other	See Table - 7	

Code	Spool / Pipe Material	8
106 B/C	A106 Gr.B/ Gr.C	
Gr.6	A333 Gr.6	
P11	A335 Gr.P11	
P5	A335 Gr.P5	
304L	A312 Tp304 / 304L	
316L	A312 Tp316 / 316L	
Other	Please Specify	

Code	End Flange Type / Material	7
	Please Define e.g. WNRF, A105	

Code	NB / Rating / Sch	6
XX	Please Define eg: 6" 600# Sch.80	

ORDERING INFORMATION

MSRO400 W# Series RO-ECC-316-W1-4 STG-200 NB Sch.80 300#-WNRF A105-A106-Op0

Hydropneumatics Private Limited

© D2-6, B.I.E, Bicholim - Goa 403529 India. ☎ +91-832-236-0364. 📞 +91-932-521-1941

✉ admin@hydropneumatics.co.in 🌐 www.hydropneumatics.co.in