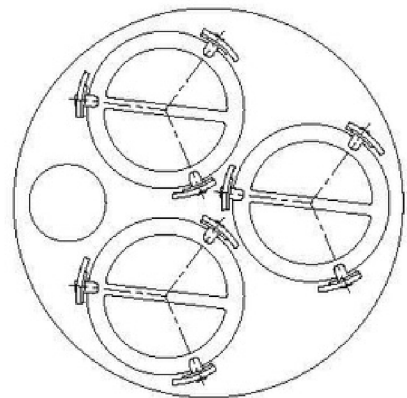
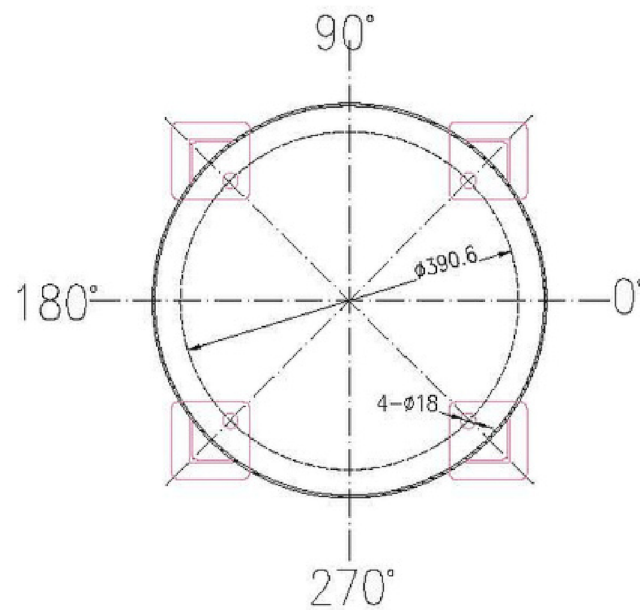
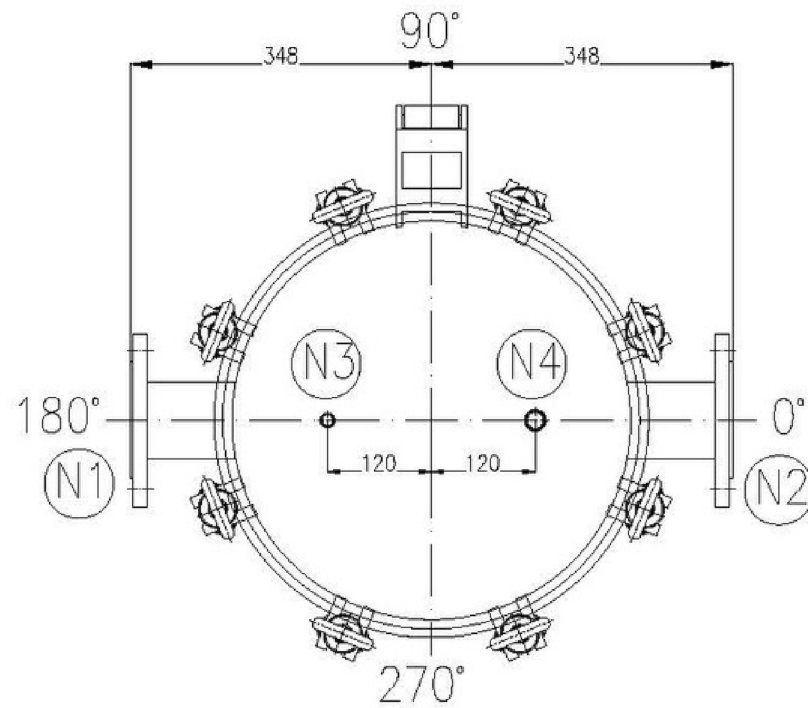
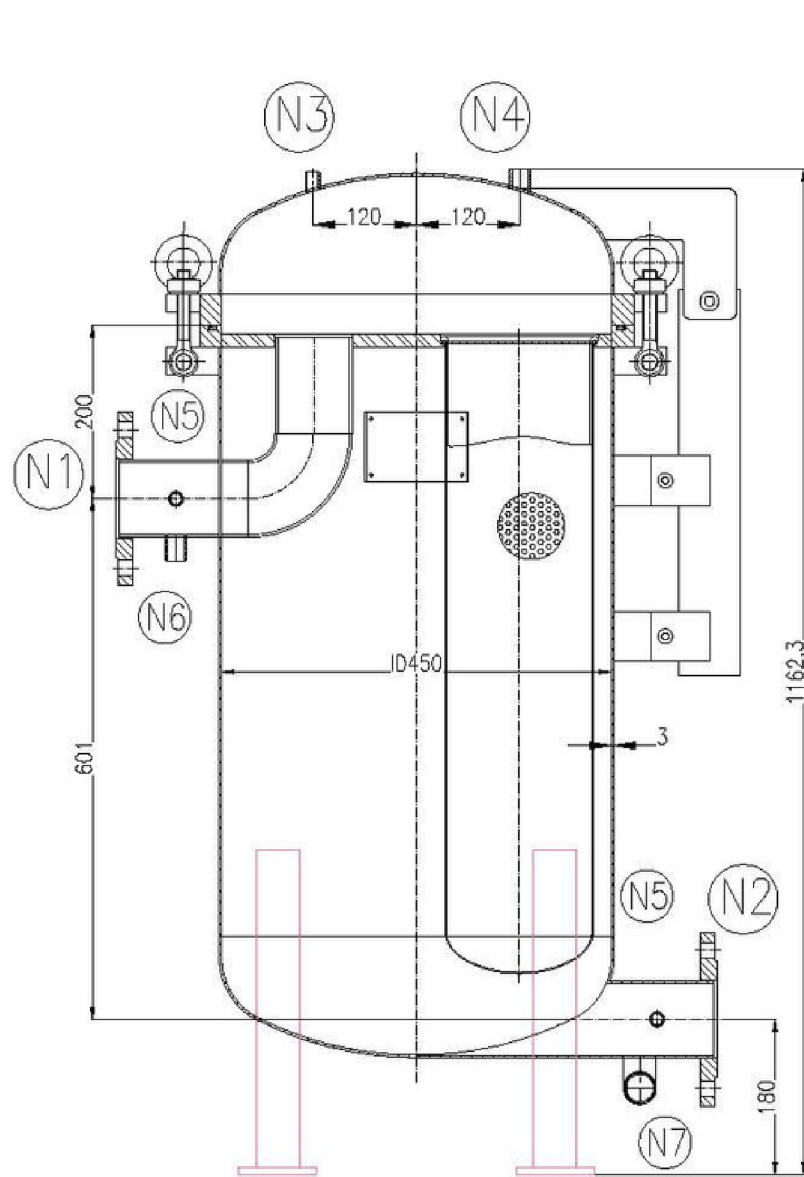


WFC 3 BAG FILTRATION SYSTEM 80MM



Comes with 4 PCS of DN80 flange to 80mm F-BSP adaptors and 4 PCS of DN80 flange to 100mm F-BSP adaptors.

DESIGN DATA TABLE					
DESIGN PARAMETERS			SUPERVISE RULE		
PARAMETER NAME	HOUSING	JACKET	DESIGN CODE	GB / T 150.1~150.4 - 2011	
M.O.P (Mpa)	0.8	—	MANUFACTURING	—	
Design pres. (Mpa)	1.0	—	MANUFACTURING AND INSPECTION REQUIREMENTS		
Max. operating temp (°C)	0~80	—	Steel plate / Standard for main pressurised components	S316/GB/T 24511-2009	
Design temperature	100	—	Materials / Standards for main forgings	S31SU6/NB/T 47010-2000	
Medium	/	—	Materials / Standards for main opening take-over	S316/GB/T 14976-2012	
Medium properties	/	—	FORM OF JOINT	Except as indicated in the drawing, the type and size of the welded joint shall be as specified in HG/T20583-2011; the fillet size of the fillet weld shall be as specified in the thickness of the thinner plate; the flange welding shall be as specified in the corresponding flange standard; the rest shall be as specified in GB/T985-2008.	
Medium density (kg/m³)	/	—			
Medium viscosity (cps)	/	—	SOLDERING	WELDING BETWEEN XX & XX	
Material of main pressure components	SS304	—		WELDING ROD NUMBER	
Corrosion allowance (mm)	0	—	Between carbon steel	—	
Joint efficiency	Class A	0.85	Between SS - 304	A102	
	Class B	0.85	Between SS-316L	A132	
Volume (L)	/	—	Between CS & SS	—	
Filter accuracy (um)	/	—	NONDESTRUCTIVE TESTING	Type of welded joint	
Filter area (m²)	/	—		Detection rate	Testing STD.
Recommended service life	10	—	A, B	Housing	NB/T47013.2-2015
Approx. dry weight (kgs)	162	—	A, B	Jacket	NB/T47013.2-2015
Approx. wet weight (kgs)	372	—	TYPE OF TEST		
Surface finish	Glass bead blasting	—	Hyd. test pres. (Mpa)	1.25	—
Painting, packaging and shipping	JB/T4711-2003	—	Pneu. test pres. (Mpa)	—	—
Design flow rate (m³/h)	102	—			

TECHNICAL REQUIREMENTS:

1. The Orientations of the nozzle and the pedestal shall be as shown in the top view.
2. The weld surface should be smooth and compact, no porosity, crack, scar and other defects.
3. Test pressure: full water pressure test 1.25 MPA 30 minutes, no leakage, no abnormal sound and visible deformation as qualified.
4. The content of chloride ion in water should not be more than 25mg/L in hydraulic pressure test, and the water in cylinder should be drained after the test.
5. The design service life refers to the service life of the vessel which is determined according to the uniform corrosion amount of the limited medium to the metal wall is not greater than the corrosion allowance under the normal smooth operation and the normal maintenance conditions.

NOZZLE SCHEDULE

MARK	NOMINAL SIZE	PRESSURE RATED		CONNECTION STD.	TYPE-FACE	SERVICE or NAME	QTY	REMARK
		PN	CLASS					
N1	DN80	10	/	HG / T20592 - 2009	PL-RF	Inlet	1	/
N2	DN80	10	/	HG / T20592 - 2009	PL-RF	Outlet	1	/
N3	1/4"	/	/	BSPP	F-BSP	Gauge	1	/
N4	1/2"	/	/	BSPP	F-BSP	Vent	1	/
N5	1/4"	/	/	BSPP	F-BSP	Diff. pres.	2	/
N6	1/2"	/	/	BSPP	F-BSP	Drain	1	/
N7	1"	/	/	BSPP	F-BSP	Drain	1	/

TYPE OF FILTER ELEMENT	NUMBER OF FILTER ELEMENT	SIZE OF FILTER ELEMENT	GASKET/O-RING MATERIAL	SURFACE FINISH
Bag	3 pcs	#2 (Ø17"×32")	Silicone	Glass bead blasting

Max. Flow: 85m³/h