

MODEL

725F SUCTION DIFFUSER

The **Shurjoint** Model 725F Suction Diffuser features a space saving design, ductile iron body and integral vanes that effectively reduce turbulence and provide optimum flow conditions at the inlet side of the pump.

The 725F allows for direct connection to a flanged end pump. Flange drilling is

available to ANSI Class 150, PN 10/16, BS 10 Table E or JIS 10K.

The Model 725F is supplied with a 304 stainless steel running strainer and a disposable fine mesh screen to protect the pump during start-up operation.



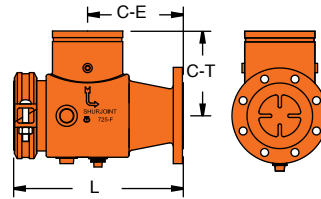
When ordering, specify the desired flange drilling.

Pressure-Temperature Rating

Nom. Rating	Working Pressure	Max. Service Temperature
Class	300 psi @100°F	EPDM: 230°F / 110°C
150	20 Bar @38°C	Nitrile: 180°F / 82°C

*Working pressure is based on connection with roll- or cut-grooved standard wall carbon steel pipe.

*Shell test, 1.5 times the working pressure, is the proof test pressure.



Nominal Size		Dimensions				Flange Drilling	Approx. Weight Kgs / Lbs
Suction Side mm / in	Pump Side mm / in	L mm / in	C - E mm / in	C - T mm / in	Drain in		
80	50	279	162	140	¾	ANSI Class 150 • PN 10/16 • BS10 Table E or JIS 10K	10.5
	2						23.1
3	65	11.00	6.38	5.50	NPT		12.0
	2½						26.4
100	80	330	187	165	1		13.0
	3						28.6
4	65	13.00	7.38	6.50	NPT		14.0
	2½						30.8
150	80	406	229	203	1		15.0
	3						33.0
6	100	16.00	9.00	8.00	NPT		16.0
	4						35.2
200	100	483	260	229	1		30.0
	4						66.0
8	125	19.00	10.25	9.00	NPT		30.0
	5						66.0
250	150	23.00	12.38	11.00	NPT		31.0
	6						68.2
10	200	584	314	279	1¼		45.0
	8						99.0
300	250	686	394	305	1¼	47.0	
	10					103.4	
12	200	27.00	15.50	12.00	NPT	52.0	
	8					114.4	
	250					65.0	
	10					143.0	
	300					68.0	
	12					149.6	
	10					70.0	
	12					154.0	
	12					110.0	
						242.0	
	12					115.0	
						253.0	
	12					126.0	
						277.2	