

## SUCTION DIFFUSER

**MODEL NO. FH51-CV**

### DESIGN DESCRIPTION & APPLICATION

Suction Diffuser provides and ensures an uniform flow pattern to the suction side of a pump with highest pump efficiency retention.

The Suction Diffuser incorporates an elbow, strainer and suction stabilizer, making it possible to install the pump in a very narrow spacing as no long bends are necessary.

Built-in straightening vanes assure uniform flow pattern for pump inlet. Fine mesh disposable start-up strainer assures cleaner, troubler free System.

### SPECIFICATION

Class	Working Pressure	Working Temperature
10K / 150LB / PN10	10 bar	-10°C ~ 100°C
16K / PN16	16 bar	-10°C ~ 100°C

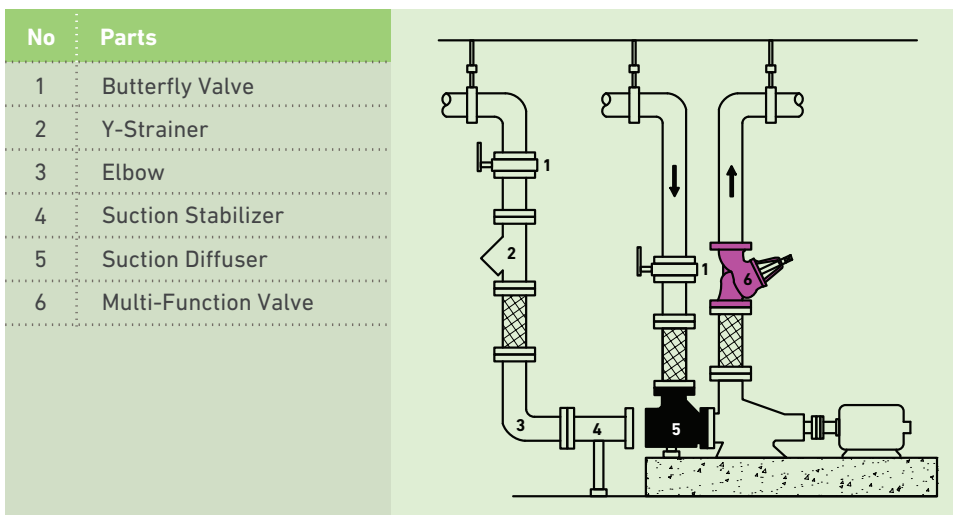
Start-up protect screens are 20 mesh stainless steel plain square weave. The start-up protect screen should be removed after the examination of the whole system.

If the differential pressure between the inlet and the outlet of the suction diffuser exceeds 0.3 bar, the suction diffuser must be cleaned.

### PARTS & MATERIALS

Parts	Materials
Body	Ductile Iron / Stainless Steel
Cover	Ductile Iron / Stainless Steel
Screen	Stainless Steel
O-Ring	Rubber

### APPLICATION



- Built-in straightening vanes
- Highest pump efficiency retention
- Available with equal or reduced flange sizes