

Flexible Metal Hose Pump Connectors

Suction Diffuser Flex™

OPERATION, INSTALLATION AND MAINTENANCE INSTRUCTIONS

OPERATION: The Suction Diffuser Flex™ pump connector is designed to eliminate turbulence leaving a 90° elbow as flow enters the suction side of a pump and isolate pump vibration from the rest of the piping system. Fixed curved vanes are permanently welded into the flex connector. (For pump discharge side connectors see the Vane Flex™)

INSTALLATION: The Suction Diffuser Flex™ must be installed with flow traveling in the proper direction, as indicated by the flow arrow.

Bolt, weld or thread the pump connector to the suction connection to the pump. The weight of the piping is not to be supported by the flexible section of the connector. Do not exceed the lateral, angular, extension or compression limits of the connector. Flanged, weld, sweat or grooved end connections are to be used as dictated by adjacent piping.

MAINTENANCE: Suction Diffuser Flex™ pump connectors require no field adjustments and have no serviceable parts- no operation or maintenance required.

CUSTOMER _____
PROJECT _____
ENGINEER _____
ARCHITECT _____
PRO. OR P.O. NO. _____



DESCRIPTION:

Suction Diffuser Flex Pump Connector

Operation, Installation & Maintenance Instructions

DRAWING BY:
JT

DATE:
05-26-15

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