

API STANDARD 675 (SECOND EDITION, OCTOBER 1994) POSITIVE DISPLACEMENT PUMPS – CONTROLLED VOLUME

Scope

This standard covers the minimum requirements for controlled volume positive displacement pumps for use in service in the petroleum, chemical, and gas industries. Both packed-plunger and diaphragm types are included. Diaphragm pumps that use direct mechanical actuation are excluded.

TEKDOS FP series, plunger metering pumps comply with the intent of the standard with the clarification/exception of the following paragraphs or sections:

SECTION 2-BASIC DESIGN

2.2 Pressure-Containing Parts

- 2.2.5.1 ISO metric thread standards
- 2.2.5.2 The purchaser must specify this special request
- 2.3.1. Flanged inlet and outlet connection under request
- 2.3.3.6 The purchaser must specify this special request
- 2.3.6 Flanged inlet and outlet connection under request
- 2.3.6.1 Flanged inlet and outlet connection under request
- 2.6.1 The standard packed plunger liquid end is provided with no flushing system. However this system can be provided when purchaser specifies this special request.
- 2.10.2 Other safe locking system is used
- 2.12.2 No automatic capacity stroke control
- 2.13.1.2 The purchaser must specify this special request
- 2.13.1.3 The purchaser must specify this special request
- 2.13.5 The purchaser must specify this special request

SECTION 3 – ACCESSORIES

- 3.1.5 Information concerning to sound pressure level and required service factor of the motor are not supplied unless the purchaser specify this special requirement.
- 3.3.1-3.3.10 The purchaser must specify this special request

SECTION 4-INSPECTION, TESTING, AND PREPARATION FOR SHIPMENT

- 4.2.1.1 The purchaser must specify to the vendor, as a special request, to keep the inspection and testing data for at least 20 year
- 4.2.2 This inspection is considered not necessary in this pump series
- 4.2.3.2 The purchaser must specify this special request
- 4.2.3.4 The purchaser must specify this special request
- 4.3.1.2 The purchaser must specify this special request
- 4.3.1.3 The purchaser must specify this special request
- 4.4.1 The purchaser must specify this special request. Special packing at extra cost.
- 4.4.3.1 The purchaser must specify this special request.
- 4.4.3.3 The purchaser must specify this special request.

SECTION 5-VENDOR'S DATA

- 5.1.1 The purchaser must specify this special request.
- 5.2.1 The purchaser must specify this special request.
- 5.2.2.1 The purchaser must specify this special request.
- 5.2.3 The purchaser must specify this special request.
- 5.3.1.1 – 5.3.1.3 The purchaser must specify this special request.
- 5.3.3 The purchaser must specify this special request.
- 5.3.4 The purchaser must specify this special request.
- 5.3.5 The purchaser must specify this special request.
- 5.3.6.1 The purchaser must specify this special request.
- 5.3.6.3 The purchaser must specify this special request.