HTO 80

Features & Options

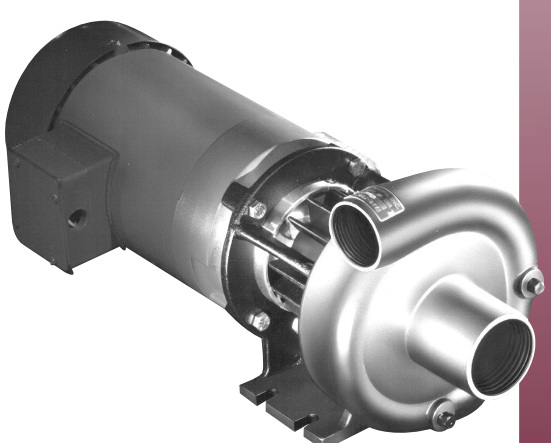
FOR APPLICATIONS IN THE PLASTICS, CHEMICAL, FOOD, AND PROCESSING INDUSTRIES WHICH REQUIRE PUMPING OF HIGH TEMPERATURE FLUIDS.

THE HTO 80 UTILIZES AN ISOLATED SEAL CHAMBER, EFFECTIVELY COOLED BY A FAN CLAMP, WHICH COUPLES THE UNIT TO THE SHAFT OF A STANDARD 56C FRAME MOTOR.

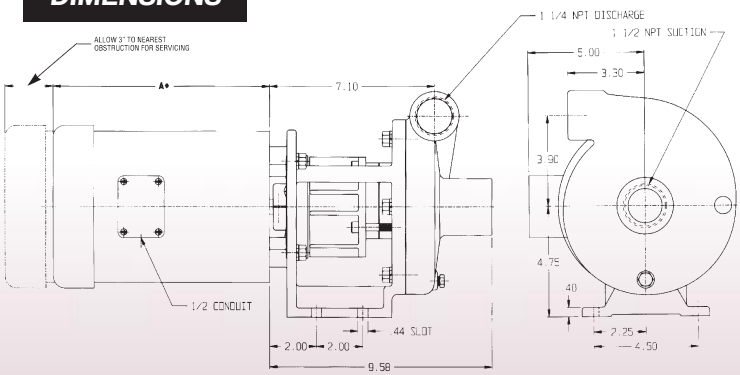
- **STANDARD CARBON/CERAMIC MECHANICAL SEAL WITH VITON ELASTOMERS, STAINLESS STEEL FITTED**
- **CARBON GRAPHITE ISOLATOR BUSHING SEPARATES MECHANICAL SEAL FROM HIGH TEMPERATURE FLUIDS**
- **STAINLESS STEEL DRIVE SLEEVE AND ALUMINUM DRIVE CLAMP COUPLES PUMP UNIT TO MOTOR**
- **VERTICAL OR HORIZONTAL DISCHARGE**
- **WITH OR WITHOUT ELECTRIC MOTOR**

THE HTO 80 IS A UNIQUE CENTRIFUGAL PUMP (PATENTED) DESIGNED FOR HIGH TEMPERATURE APPLICATIONS WITHOUT REQUIRING EXTERNAL FLUSHES OR JACKET COOLING.

- **CAPACITIES TO 85 GPM**
- **HEADS TO 140 FT. TDH.**
- **TEMPERATURES TO 650°F**



DIMENSIONS

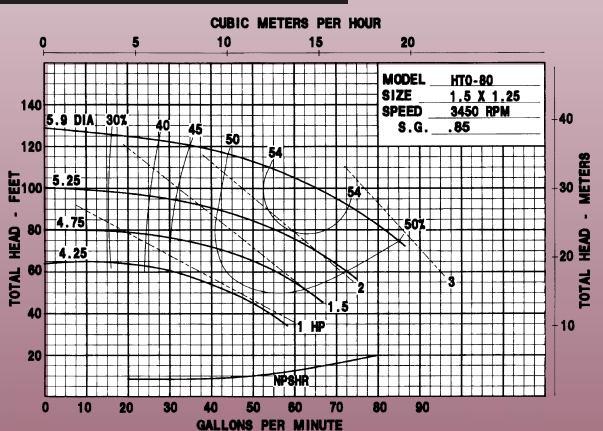


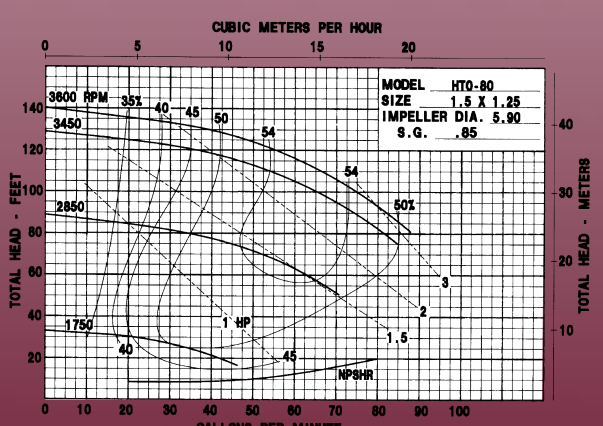
3 PHASE TYPICAL TEFC ROUND BODY MOTOR

FRAME	HP	PH	"A" DIM TEFC
56C	1	3	9.31
56C	1.5	3	9.94
56C	2	3	11.25
56C	3	3	12.12

Pump dimensions certifiable for construction purposes. Motor dimensions dependent upon motor manufacturer.

Pump Performance Curves





Horsepower requirements based upon 0.85 specific gravity. Calculations can be applied for fluids of other specific gravities.

Maximum operating temperature is 650°F. Maximum working pressure is 150 PSI.

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