



Series: PFSPT3

Size: 3" x 3" Self-Priming Centrifugal Pumps

Description

Self priming centrifugal solids handling pumps designed for Municipal and Industrial applications.

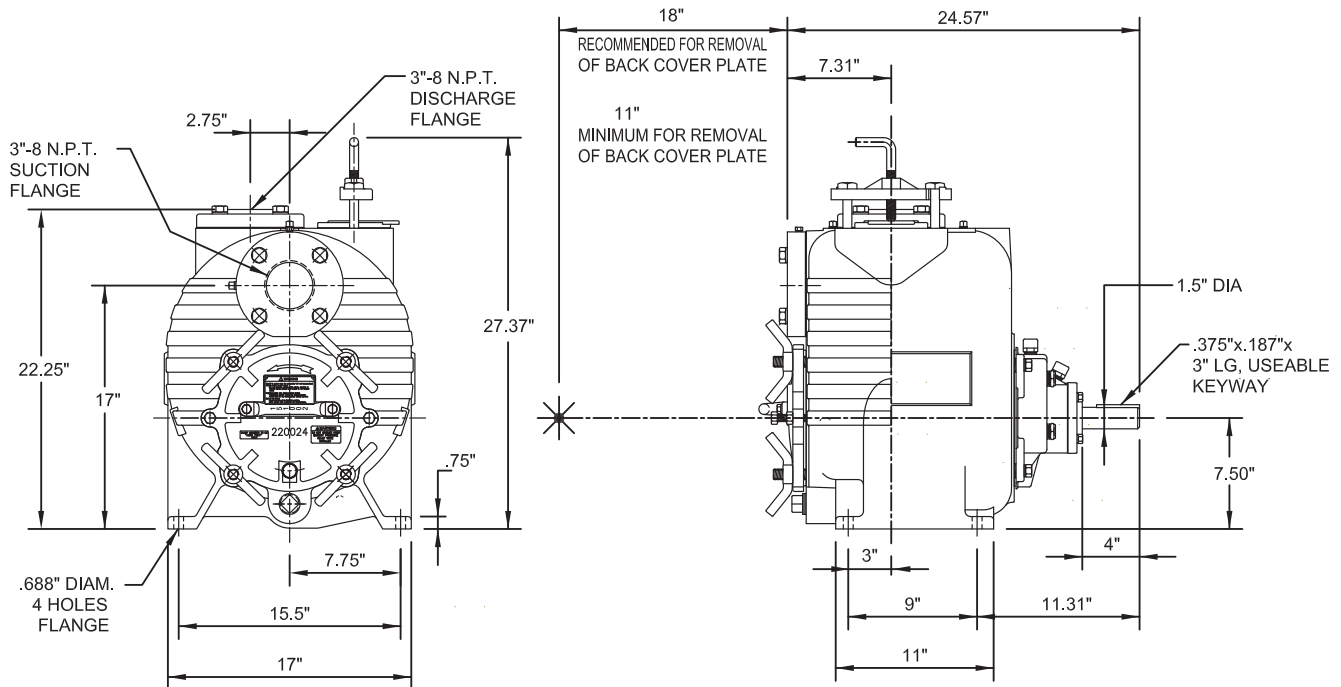
DISCHARGE	3" x 3", 125lbs. Flange
LIQUID TEMPERATURE	160°F
CASING	Gray Iron ASTM A-48 Class 30 Maximum Operating pressure 87 psi
IMPELLER	2 Vane open type. <i>Material:</i> Ductil Iron
SHAFT	Alloy Steel
SHAFT SLEEVE	Stainless Steel
WEAR RING	Carbon Steel, Replaceable
COVER PLATE	Gray Iron ASTM A-48, Class 30, Removable, Adjustable, Weight 30 lbs.
FLAP VALVE	Neoprene with steel reinforcing
BEARING HOUSING	Gray Iron ASTM A-48, Class 30
SEAL PLATE	Gray Iron ASTM A-48, Class 30
BEARING - PUMP END	Open single ball, radial load
BEARING - DRIVE END	Open double ball, thrust load
LUBRICATION	Seal Cavity & Bearing - SAE No. 30 non detergent oil, pump includes oil level sight gauges
GASKETS	Buna-N, compressed synthetic fibers, PTFE, vegetable fiber, cork and rubber
O-RINGS	Buna-N
HARDWARE	Standard plated steel
PRESSURE RELIEF VALVE	Brass
SEAL	Type 21, mechanical, oil lubricated, double floating, self aligning. <i>Material:</i> Silicon carbide rotating and stationary faces, fluorocarbon elastomers (Dupont Viton® or equivalent). Stainless steel cage and spring
OPTIONAL EQUIPMENT	Flexible coupled assy, with base OSHA guard and electric motor.

NET WEIGHT	SHIPPING WEIGHT	EXPORT CRATE
404 lbs	452 lbs	14.1 cu ft.

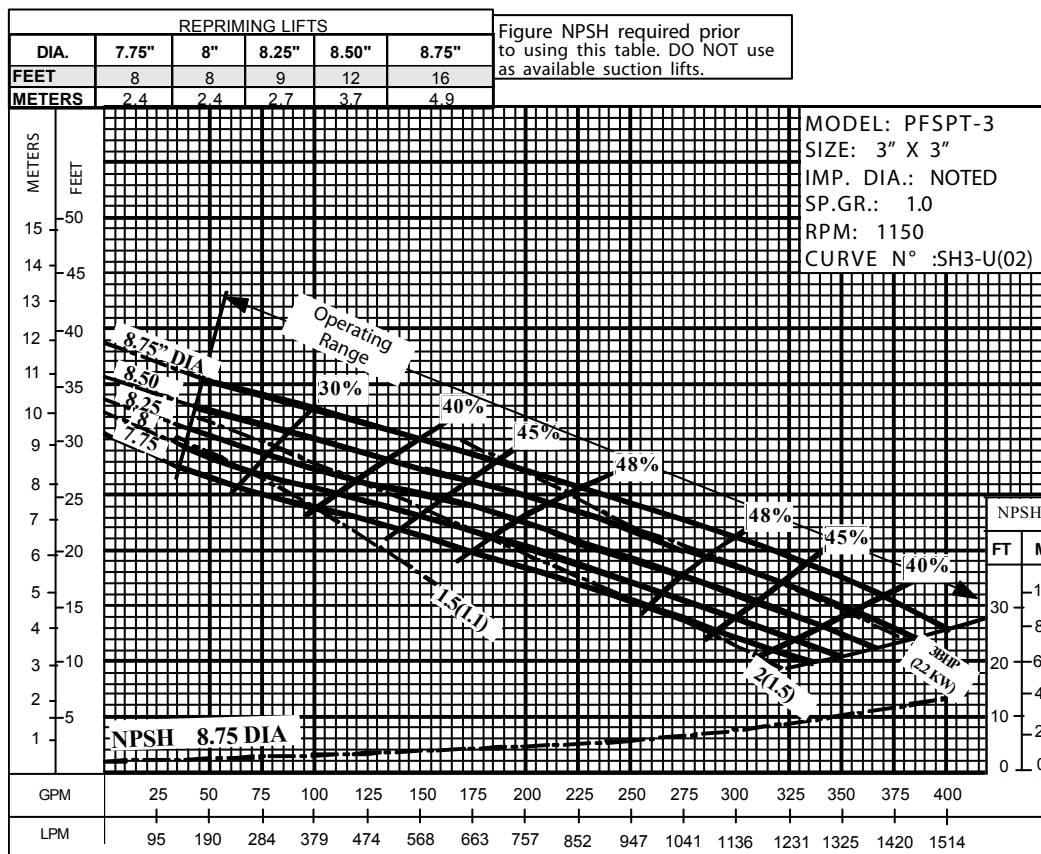
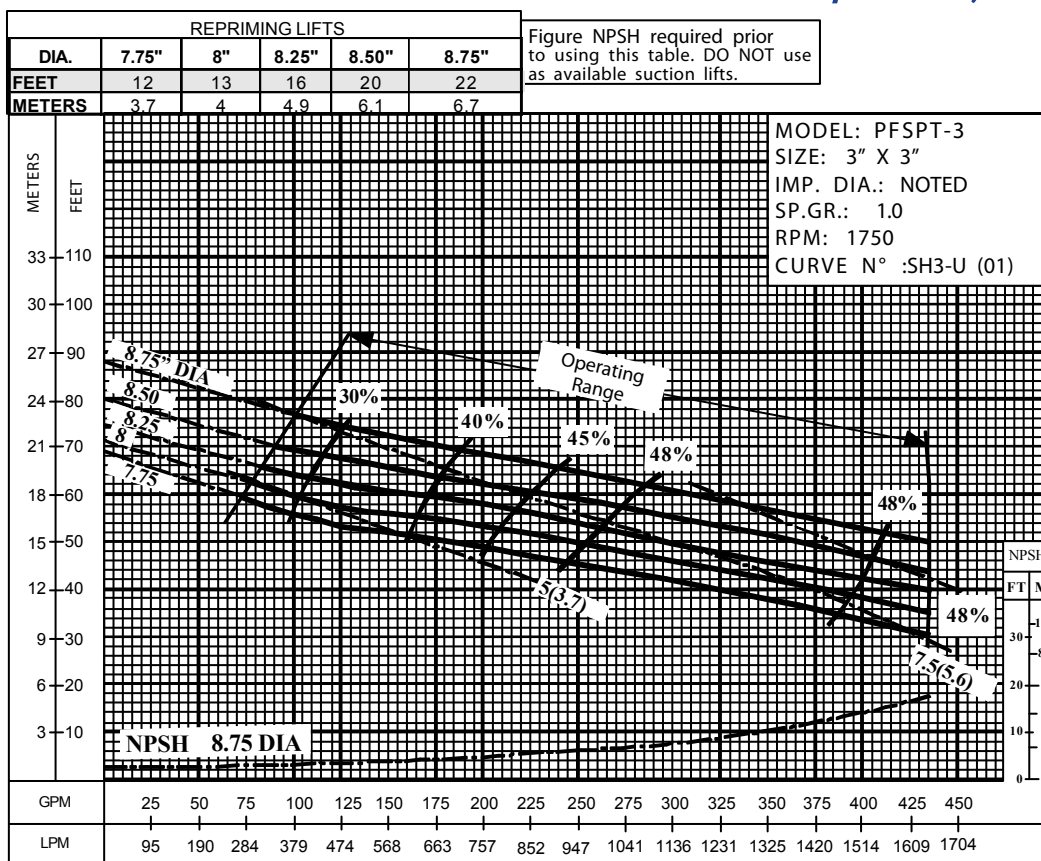
WARNING ! - DO NOT use in explosive atmosphere or for pumping volatile flammable liquids.

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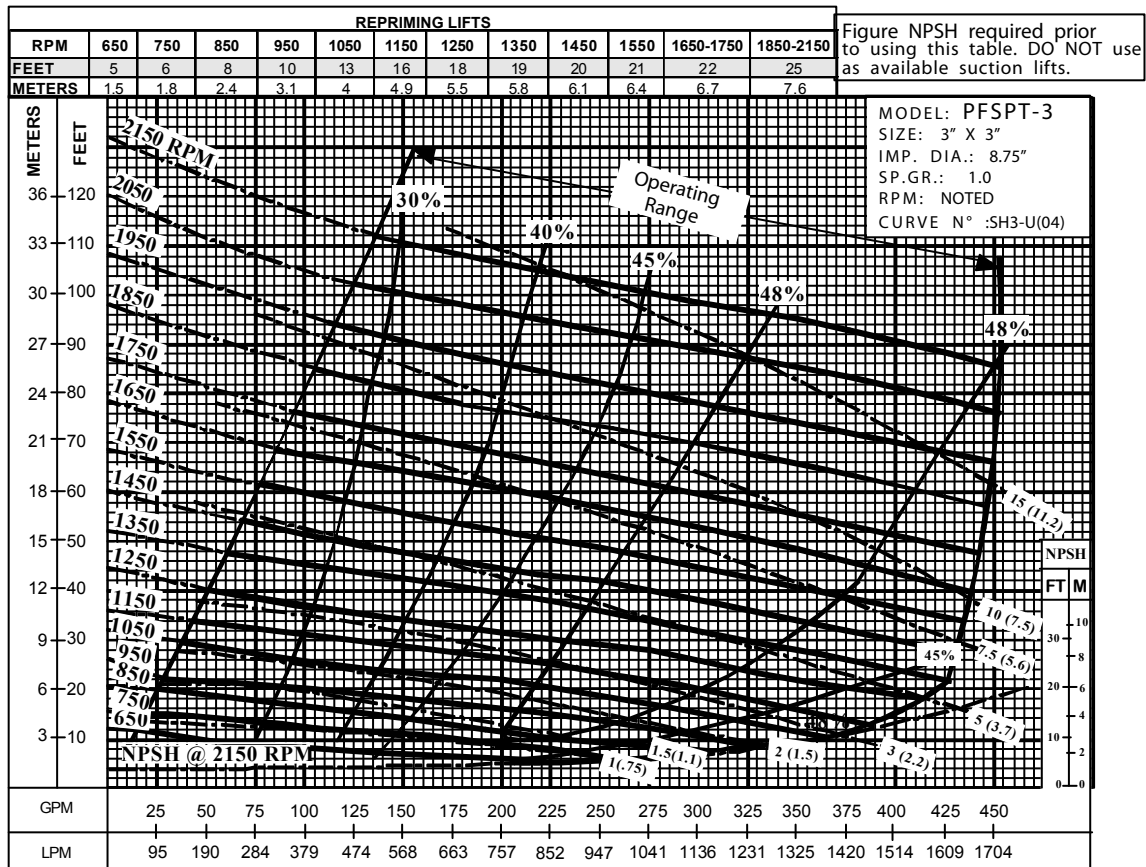
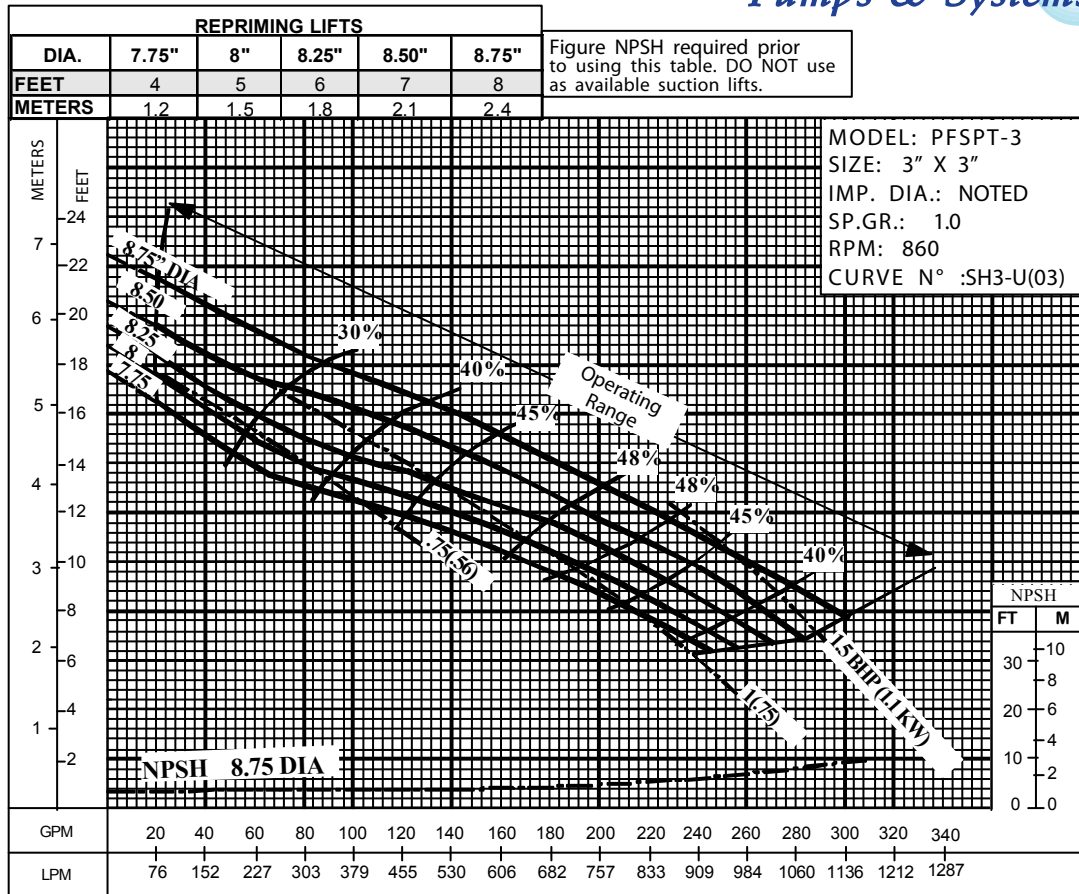
Self-Priming Centrifugal Pumps
Size: 3" x 3", Solids 2-1/2"



PERFORMANCE CURVE



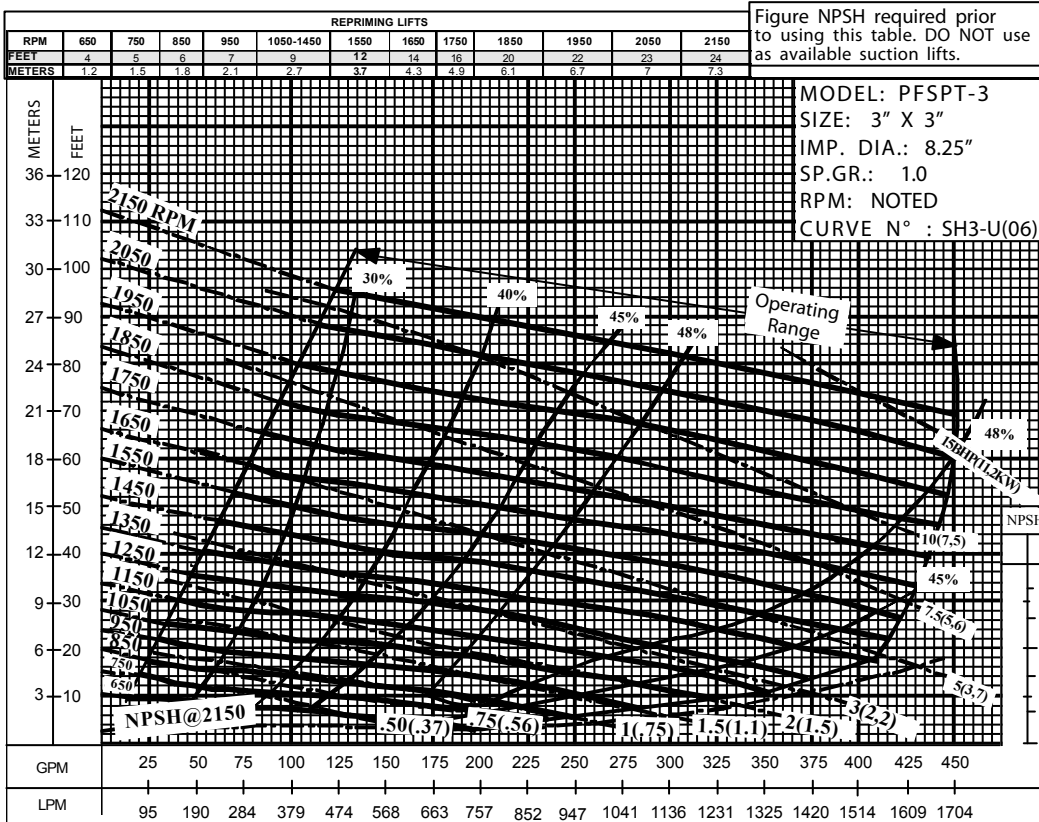
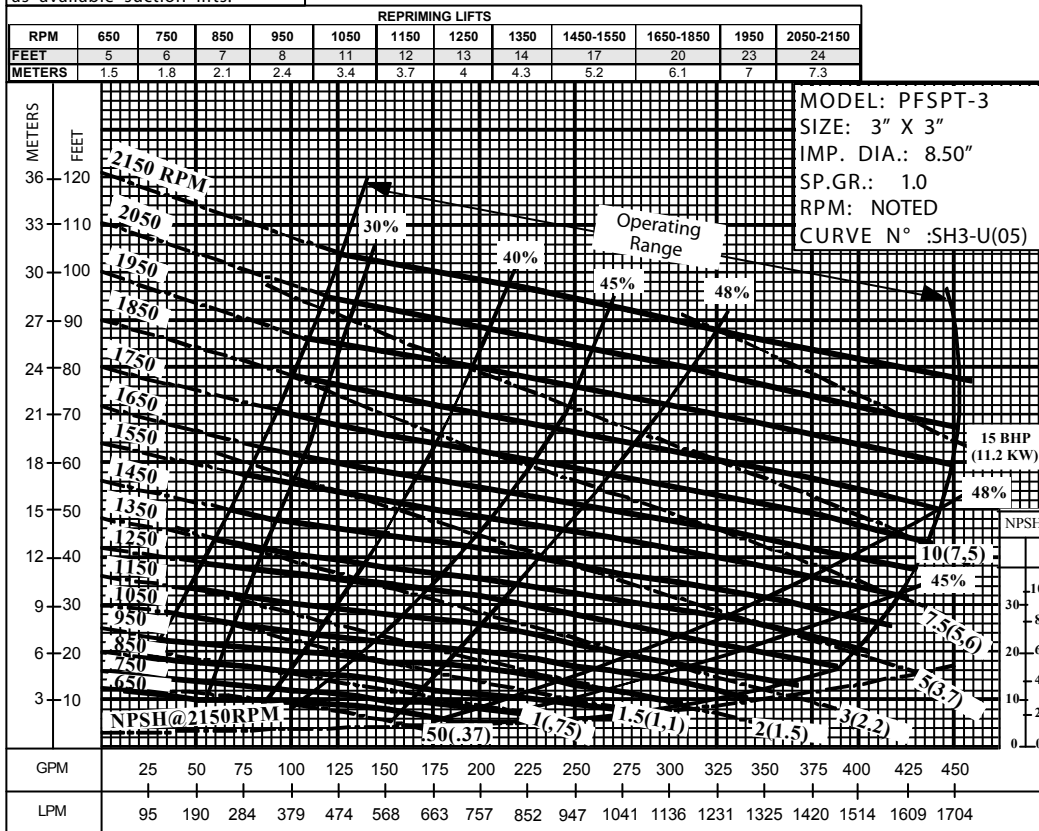
PERFORMANCE CURVE



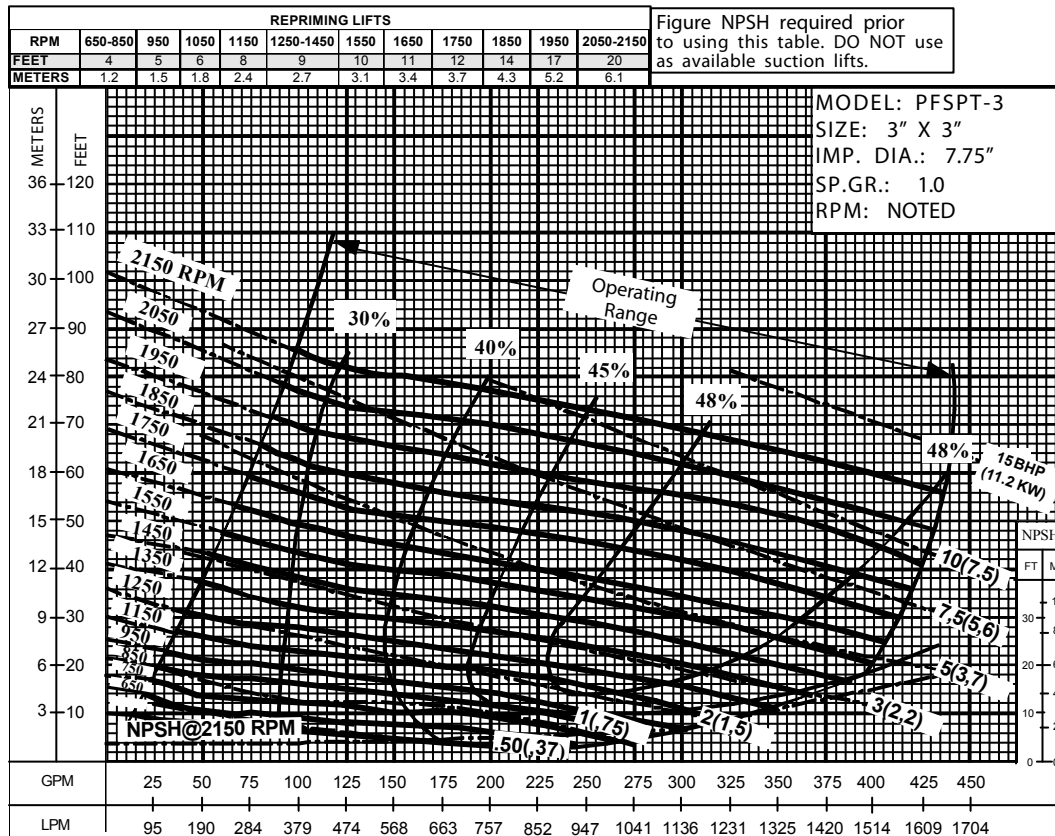
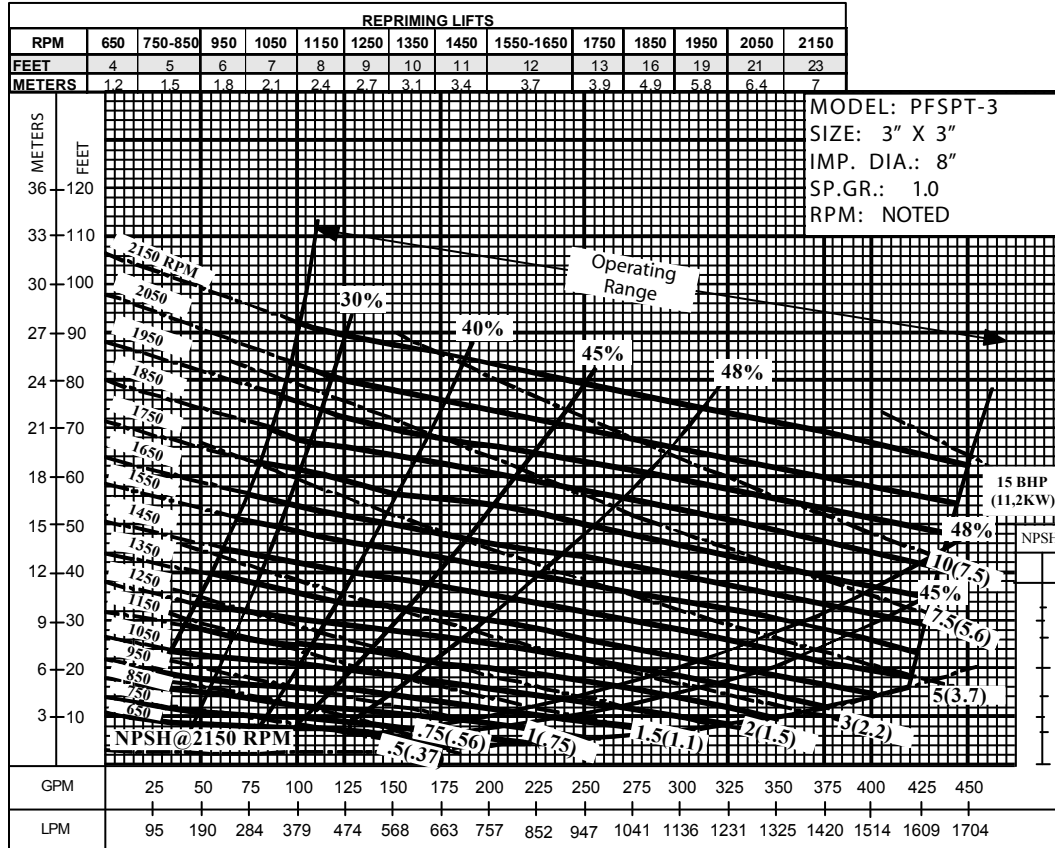
PERFORMANCE CURVE



Figure NPSH required prior to using this table. DO NOT use as available suction lifts.



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