

Pump Data Sheet - Franklin Electric

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Sistema TRIPLEX (2+1)
Para un gasto total de 63 LPS @ 70 m



Pump:

Size: 95VR Dimensions: Suction: ---
Type: Multi-Stage Discharge: ---
Synch Speed: 3600 rpm
Line: 95VR-03-2A
Curve: ---

Fluid:

Name: Water
SG: 1 Vapor Pressure: 0.256 psi a
Density: 62.4 lb/ft³ Atm Pressure: 14.7 psi a
Viscosity: 1.1 cP
Temperature: 60 °F

Search Criteria:

Flow: 499 US gpm Near Miss: ---
Head: 230 ft Static Head: 0 ft

Pump Limits:

Temperature: --- Sphere Size: ---
Wkg Pressure: ---

Motor:

Consult Franklin Electric to select a motor for this pump.

Pump Selection Warnings:

None

--- Duty Point ---

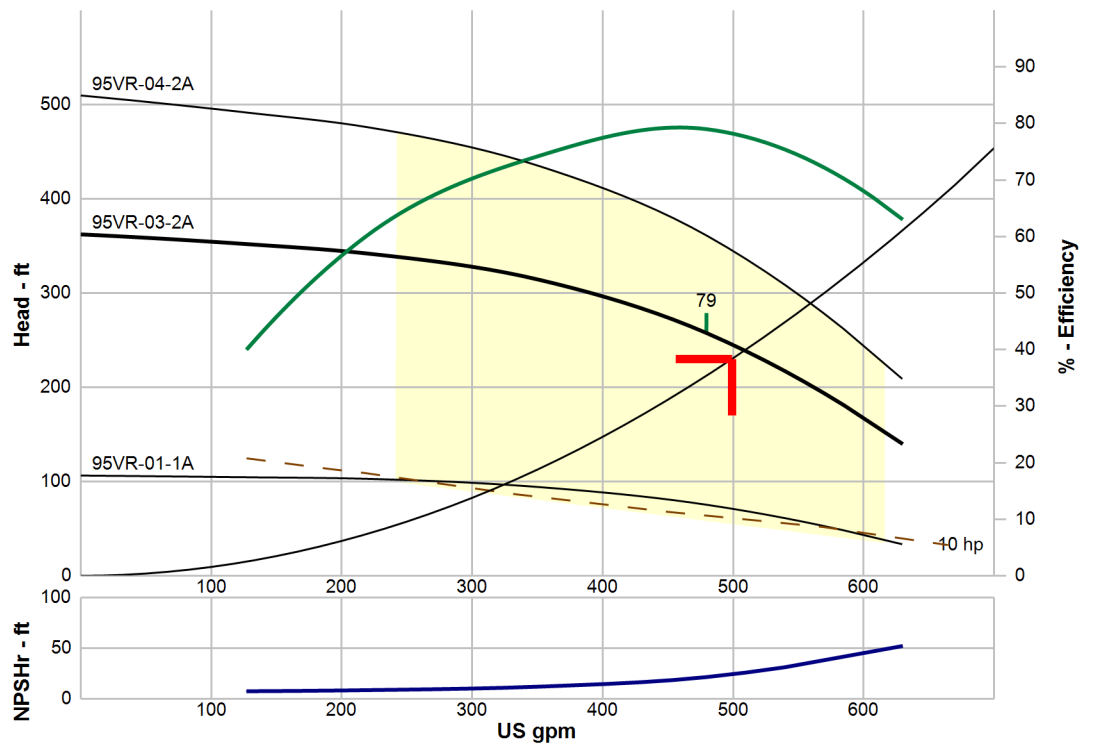
Flow: 506 US gpm
Head: 237 ft
Eff: 76%
Power: 38.8 hp
NPSHr: 27 ft
Speed: 3450 rpm

--- Design Curve ---

Shutoff Head: 362 ft
Shutoff dP: 157 psi
Min Flow: --- US gpm
BEP: 79% @ 479 US gpm
NOL Power:
39.5 hp @ 479 US gpm

--- Max Curve ---

Max Power:
55.4 hp @ 480 US gpm



Performance Evaluation:

Flow	Speed	Head	Efficiency	Power	NPSHr
US gpm	rpm	ft	%	hp	ft
599	3450	164	66	36.2	45.9
499	3450	242	77	39	25.5
399	3450	293	76	38.3	15.6
299	3450	325	69	35.1	10.8
200	3450	344	56	30.8	8.41