

Job/Project:	Representative:		
ESP-Systemwize: WIZE-848899	Created On: 02/11/2022	Phone:	
Location/Tag:	Email:		
Engineer:	Submitted By:	Date:	
Contractor:	Approved By:	Date:	

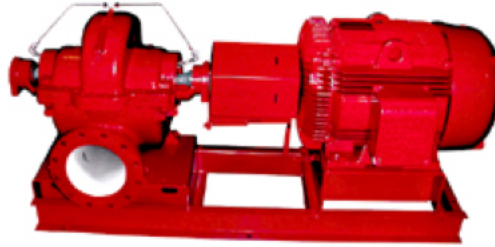
Small and Medium Double Suction Split Case Pump

Series: HSC-S

Model: 10x12x12XL

Features & Design

- Externally flushed mechanical seals
- Easy-Maintenance Design
- ANSI/OSHA Coupling Guard
- Heavy Duty Base Plate



*Double-suction, base-mounted Series HSC-S pumps are available in 2" through 10" sizes. Motor sizes through 300 HP. Flows to 6500 GPM and heads to 600 feet.

<http://bellgossett.com/pumps-circulators/double-suction-pumps/series-hsc-s/>

Pump Selection Summary

Duty Point Flow	3000 US gpm
Duty Point Head	30 ft
Control Head	0 ft
Duty Point Pump Efficiency	78.2 %
Part Load Efficiency Value (PLEV)	0.0 %
Impeller Diameter	10.3 in
Motor Power	40 hp
Duty Point Power	30.2 bhp
Motor Speed	1200 rpm
RPM @ Duty Point	1175 rpm
NPSHr	9.25 ft
Minimum Shutoff Head	47.3 ft
Minimum Flow at RPM	745 US gpm
Flow @ BEP	2978 US gpm
Fluid Temperature	68 °F
Fluid Type	Water
Weight (approx. - consult rep for exact)	1723 lbs
Pump Floor Space Calculation	12.85 ft²

Performance Curve

HSC-S
10x12x12XL
1175 RPM

