



## **STANCOR P50CSS STAINLESS STEEL SUBMERSIBLE SLURRY PUMPS**

### ■ **FEATURES**

- **Non-Clog Vortex Impeller**  
Passes 2" solids and long, fibrous materials without risk of blockage. Dredger models include an auger for mixture and suspension of heavy solids.
- **Robust Construction**  
Heavy, cast #316 stainless steel construction with Viton<sup>®</sup> elastomers resist corrosion and abrasion. Cooling fins provide for even heat dissipation.
- **Superior Sealing**  
Heavy duty, balanced cartridge mechanical seal with silicon-carbide faces and Viton<sup>®</sup> elastomers, secondary seal protects against water leakage.
- **High Efficiency Motor**  
Class F insulated motors with 115% service factor and built-in Klixon<sup>®</sup> type thermal protection for long motor life.
- **Selection of Models**  
Models are available to meet application requirements in both explosion-proof (MSHA) and standard execution.
- **American Made**  
Stancor P50CSS pumps are made in the USA, which means there are no delays in parts arriving on time.



P50CSS/CSSD/CSSE-1  
(with large volute)



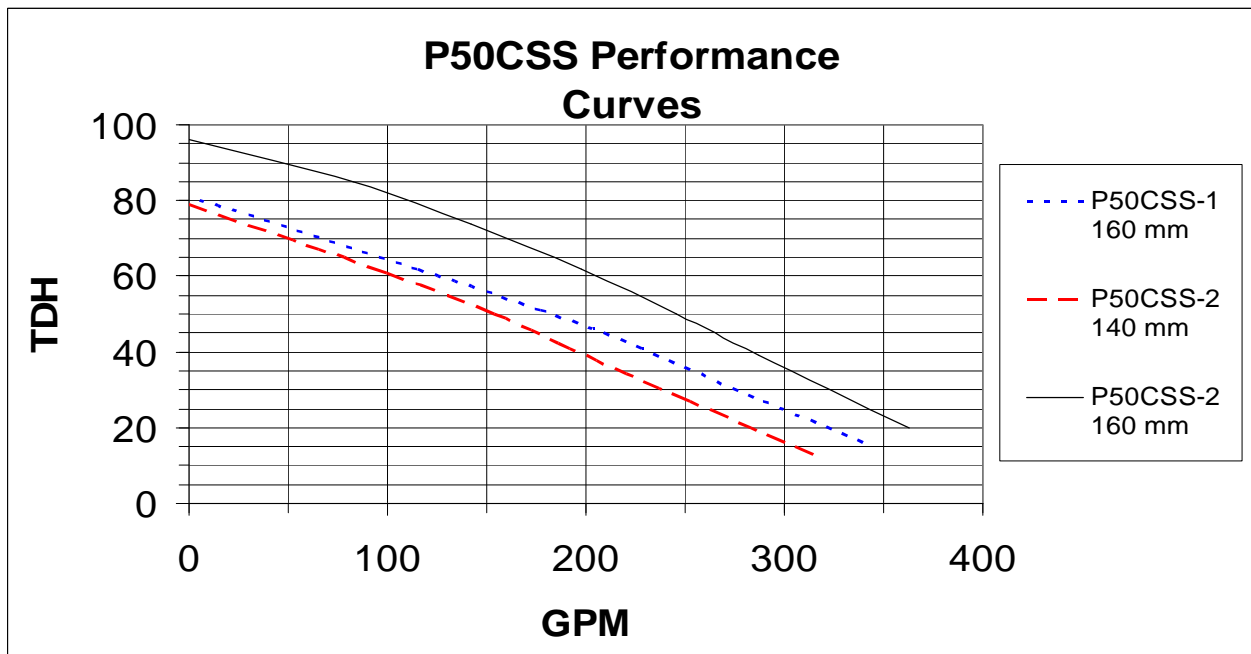
P50CSS/CSSD/CSSE-2  
(with slim line volute)

**"Stancor Pumps ... Quality You Can Believe In"**

## TECHNICAL DATA

Model	P50CSS	P50CSSE	P50CSSD	P50CSSED
Description	Vortex Standard	Vortex MSHA Approved	Vortex Dredger/Agitator	Dredger/Agitator MSHA Approved
Rated H.P.	10	10	10	10
*Voltage	230/460/575	230/460/575	230/460/575	230/460/575
Current (FLA)	28/14/11	28/14/11	28/14/11	28/14/11
Insulation Class	F	F	F	F
Discharge Size	3" or 4" NPT	3" or 4" NPT	3" or 4" NPT	3" or 4" NPT
Impeller Type	Vortex	Vortex	Vortex	Vortex
Solids Passage	2"	2"	2"	2"
Mechanical Seals	Sil-Carbide/ Sil-Carbide	Sil-Carbide/ Sil-Carbide	Sil-Carbide/ Sil-Carbide	Sil-Carbide/ Sil-Carbide
Gaskets and Elastomers	Viton®	Viton®	Viton®	Viton®
Shaft (Material - ST. ST.)	#400 Series	#400 Series	#400 Series	#400 Series
Major Components - Stainless ST.	#316	#316	#316	#316
Weight - Lbs. (-1/-2)	295/255	295/255	297/255	297/255
Dimensions - HxW (-1/-2) (Inches)	34x17.5 / 31.5x13	34x17.5 / 31.5x13	34x17.5 / 31.5x13	34x17.5 / 31.5x13
Volute Type Available (Large -1 <sup>^</sup> ; Slim Line -2)	-1 or -2	-1 or -2	-1 or -2	-1 or -2
Cable Type	10/4 SO	10/5 RC	10/4 SO	10/5 RC
Cable Length - STD	50'	50'	50'	50'
Control Enclosure	NEMA 4X	MSHA-EX Proof	NEMA 4X	MSHA-EX Proof

\* 50 Hz available upon request ^ Only available in 4"



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