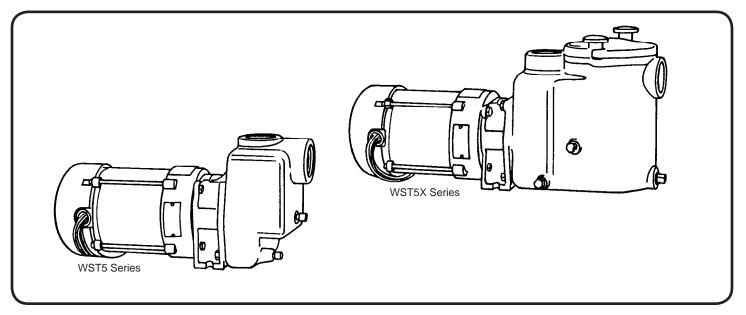


# Series: WST

For Petroleum Solvents 0.82 S.G. 3500 RPM - 60 Hz.

## Self-Priming Centrifugal Pumps



60 HZ - PERFORMANCE AND SELECTION 0.82 SG - 3500 RPM											
Catalog	Catalog No.		Tappings		GPM Capacity at Head Shown						
No. *	w/Strainer*	ΗP	Suct. (in)	Disch. (in)	PSI Feet	5 14	10 28	15 42	20 56	25 70	30 84
X5WST5	X5WST5X	1/2	2	2		38	30	22	13		
X7WST5	X7WST5X	3/4	2	2		64	59	50	33	12	
X10WST5	X10WST5X	1	2	2		72	69	62	49	29	
X15WST5	X15WST5X	1½	2	2		84	82	78	70	54	27
X20WST5	X20WST5X	2	2	2		93	91	87	80	66	41
X20WST5A	X20WST5AX	2	2	2		142	136	120			

Catalog	Catalog No.	НР	Tappings		LPS Capacity at Head Shown							
No. *	w/Strainer*		Suct. (in)	Disch. (in)	KPA Meters	34 4.2	68 8.5	103 12.8	137 17.0	172 21.3	206 25.6	
X5WST5	X5WST5X	1/2	2	2		2.3	1.8	1.3	0.8			
X7WST5	X7WST5X	3/4	2	2		4.0	3.7	2.0	2.0	0.7		
X10WST5	X10WST5X	1	2	2		4.5	4.3	3.9	3.0	1.8		
X15WST5	X15WST5X	1½	2	2		5.2	5.1	4.9	4.4	3.4	1.7	
X20WST5	X20WST5X	2	2	2		5.8	5.7	5.4	5.0	4.1	2.5	
X20WST5A	X20WST5AX	2	2	2		8.9	8.5	7.5				

(\*) Catalog numbers are for units with single phase motors. For three phase, add prefix, "3". Example: 37WST5.



**PUMPS & SYSTEMS** 

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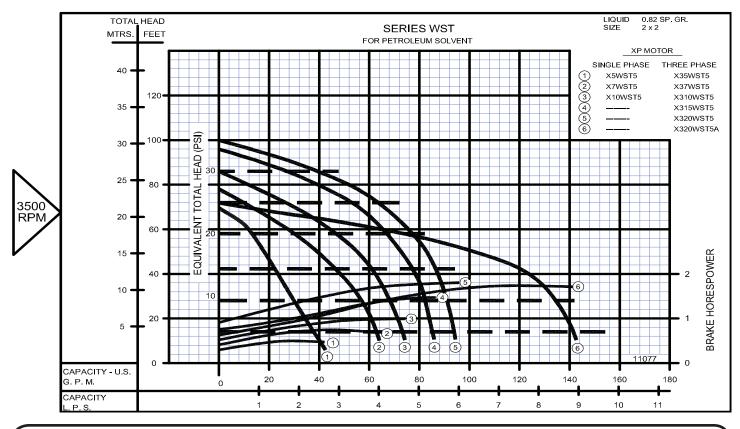
A Crane Co. Company USA: (937) 778-8947 • Canada: (905) 457-6223 • International: (937) 615-3598

# Series: WST

For Petroleum Solvents 0.82 S.G. 3500 RPM - 60 Hz.



### Self-Priming Centrifugal Pumps



- Compact, Close-Coupled Design
- Rugged Bronze-Fitted Cast Iron Construction
- Leakproof Mechanical Shaft Seal
- Non-Clogging, Bronze Semi-Open Impeller
- Stainless Steel Shaft
- Back Pull-Out Design For Easy Servicing
- U.L. Approved, Explosion Proof Motors
- Available With or Without Built-In Basket Type Strainer
- Self-Priming, Once Case is Filled With Fluid
- Diaphragms, Flappers or Check Valves Are Not Required In Pump Suction Piping. But Are Recommended
- EVERY pump is factory tested and will meet Hydraulic Institute standards.

### MOTOR INFORMATION

WST Series pumps are equipped with 56 Frame, U.L. Recognized explosion proof motors as standard. These motors have cast iron end bell at pump end, and oversized ball/ball bearing construction. Rated for continuous duty at all ratings shown. Both single and three phase motors must be installed with a magnetic starter which provides full-leg overload protection. Failure to use the correct starter and overload protectors will void the warranty. All motors are supplied by companies having national service facilities.

### RATINGS

Single Phase: 115/230 Volt, 60HZ, 3500RPM, Explosion Proof Three Phase: 230/460 Volt, 60HZ, 3500RPM, Explosion Proof

MAXIMUM OPERATING CONDITIONS							
TEMPERATURE (For Standard Buna-N Seal)	225°F (107°C)						
INLET PRESSURE (WST5)	100 PSI (689kPa)						
INLET PRESSURE (WST5X)	15 PSI (103kPa)						
CASING WORKING PRESSURE (WST5)	165 PSI (1137kPa)						
CASING WORKING PRESSURE (WST5X)	60 PSI (413kPa)						

MATERIALS OF CONSTRUCTION									
PART	CAST IRON	BRONZE FITTED							
Adapter	Cast Iron	Cast Iron							
Case	Cast Iron	Cast Iron							
Diffuser	Cast Iron	Cast Iron							
Impeller	Cast Iron	Bronze							
Shaft	Stainless	Stainless							
Shaft Seal	Carbon-Ceramic SS - Buna-N								
Suction Sleeve	Buna-N	Buna-N							
Strainer Gasket	Buna-N	Buna-N							
Strainer Basket	Stainless	Stainless							
All Plugs	Brass	Brass							

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## PUMPS & SYSTEMS

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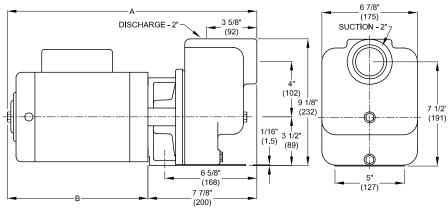


# Series: WST

For Petroleum Solvents 0.82 S.G. 3500 RPM - 60 Hz.

### Self-Priming Centrifugal Pumps

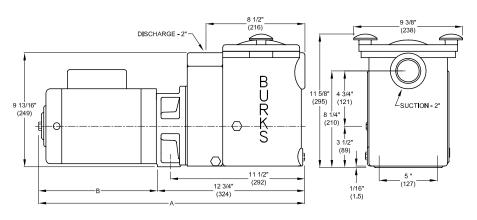
SERIES: WST5



DIMENSIONS IN INCHES AND MILLIMETERS										
CATALOG		NOTOD	SINGLE	PHASE	THREE PHASE					
NUMBER HP		MOTOR	Α	В	Α	В				
X5WST5	1/2	Explosion Proof	19¼ (485)	11¼ (285)	171/8 (454)	10 (254)				
X7WST5	3/4	Explosion Proof	19% (492)	11½ (292)	18% (479)	11 (279)				
X10WST5	1	Explosion Proof	20% (517)	12½ (317)	18% (479)	11 (279)				
X15WST5	11⁄2	Explosion Proof	20% (530)	13 (330)	19% (492)	11½ (292)				
X20WST5	2	Explosion Proof	22 (558)	141⁄2 (358)	20% (517)	12½ (317)				
X20WST5A	2	Explosion Proof	22 (558)	141⁄8 (358)	20% (517)	12½ (317)				

All models have 2" NPT suction and discharge.

### **SERIES: WST5X**



DIMENSIONS IN INCHES AND MILLIMETERS									
CATALOG	HP	MOTOR	SINGLE	PHASE	THREE PHASE				
NUMBER			Α	В	Α	В			
X5WST5X	1/2	Explosion Proof	24 (609)	11¼ (285)	22¾ (577)	10 (254)			
X7WST5X	3/4	Explosion Proof	24¼ (615)	11½ (292)	23¾ (603)	11 (279)			
X10WST5X	1	Explosion Proof	25¼ (641)	12½ (317)	23¾ (603)	11 (279)			
X15WST5X	1½	Explosion Proof	25¾ (654)	13 (330)	24¼ (615)	11½ (292)			
X20WST5X	2	Explosion Proof	267/3 (682)	141⁄8 (358)	25¼ (641)	12½ (317)			
X20WST5AX	2	Explosion Proof	261/8 (682)	14¼ (358)	25¼ (641)	12½ (317)			

All models have 2" NPT suction and discharge.

DO NOT USE FOR CONSTRUCTION PURPOSES. CERTIFIED DRAWINGS AVAILABLE ON REQUEST



## **PUMPS & SYSTEMS**

SECTION4CPAGE11DATE1/06

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