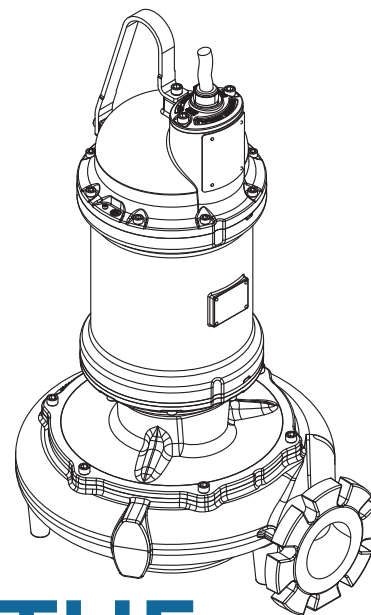


Specifications:

DISCHARGE	8", 125 lb. Horizontal Flange Slotted to accommodate 200mm ISO Flanges
LIQUID TEMPERATURE	104°F (40°C) Continuous
VOLUTE	Cast Iron ASTM A-48, Class 30
STRIKER PLATE	440C Stainless Steel Heat Treated to 53-60 HRC Hole Pattern to Accomodate 8" 125 # Flange
WEAR RING.....	C954 Lead-Free Bronze
MOTOR HOUSING	Cast Iron ASTM A-48, Class 30
SEAL PLATE	Cast Iron ASTM A-48, Class 30
IMPELLER:	
Design	Enclosed Dual Vane, With Pump Out Vaness on Back Side. Dynamically Balanced ISO G6.3
Material	Ductile Iron ASTM A-536, 65-45-12
SLICING BLADE	440C Stainless Steel Heat Treated to 53-60 HRC
SHAFT	416 Stainless Steel
"O" RINGS.....	Buna-N
HARDWARE	300 Series Stainless Steel
LIFTING BAIL	300 Series Stainless Steel
PAINT	Axalta™ Corlar® Epoxy, Two Coats
SEAL:	
Design	Tandem Mechanical, Oil Filled Reservoir.
Material: Inboard.....	Rotating Faces - Carbon Stationary Faces - Ceramic
Material: Outboard.....	Rotating Faces - Silicon Carbide Stationary Faces - Silicon Carbide Elastomer - Buna-N Hardware - 300 Series Stainless
CORD ENTRY	Rigid quick change epoxy-potted housing
POWER CORD	CSA Certified Submersible Power Cable 2000V - Ordered Separately
SPEED	1750 or 1150 RPM
UPPER BEARING:	
Design	Single Row, Ball, Oil Lubricated
Load	Radial
LOWER BEARING:	
Design	Double Row, Ball, Oil Lubricated
Load.....	Radial & Thrust
MOTOR: Design	NEMA B Three Phase Torque Curve. Oil-Filled, Squirrel Cage Induction, Inverter Duty rated per NEMA MG1
Insulation	Class H Varnish & Magnet Wire
THREE PHASE.....	Requires overload protection to be included in control panel.
MOISTURE SENSOR	Normally Open (N/O), Requires Relay in Control Panel
TEMPERATURE SENSOR	Three Normally Closed (N/C). To be wired in series with control circuit.
OPTIONAL EQUIPMENT.....	White Iron Impeller, Seal Material, Impeller Trims, Cord Length
MARKINGS	CSA, CE
WEIGHT	892 lbs (405 Kg)
NOISE EMISSION MAX.....	In-Air 64 dB-A
SUBMERGENCE	Max Depth 66ft (20m)

RECOMMENDED:

Accessories.....	Break Away Fitting (BAF) Check Valve Control Panel Moisture/Temp. Sensor Relay (Pump Monitor Relay) Leg Kit
------------------	---



SITHE

Series: 8XSCD

25 - 30HP, 1750RPM, 60Hz

7.5 - 20HP, 1150RPM, 60Hz

**Explosion Proof, Class I,
Division 1, Groups C & D, T4**

Sample Specifications: Section 0.2H Page F.

This product may be covered by one or more of the following patents and other patent(s) pending: US Patent 7,931,473, NZ DSN NO. 424412, NZ DSN NO. 424413, AUS DSN NO. 201812608, AUS DSN NO. 201812609, EU Design Reg. 005293040-0001

DESCRIPTION:

SUBMERSIBLE CHOPPER PUMP
DESIGNED FOR RAW SEWAGE
APPLICATIONS.



WARNING:

CANCER AND REPRODUCTIVE HARM -
WWW.P65WARNINGS.CA.GOV



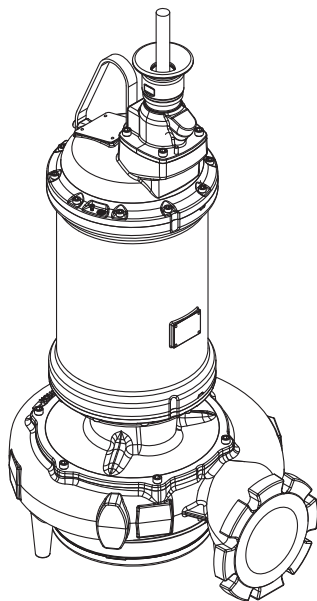
Series 8XSCD

28 Frame Driver

BARNES®

www.cranepumps.com

SITHE X-Pruf® Submersible Chopper Pumps



SITHE

Series: 8XSCD

25 - 60HP, 1750RPM, 60Hz

20 - 25HP, 1150RPM, 60Hz

7.5 - 15HP, 870RPM, 60Hz

Explosion Proof, Class I, Division 1, Groups C & D, T4

Sample Specifications: Section 0.2H Page F.

This product may be covered by one or more of the following patents and other patent(s) pending: US Patent 7,931,473, NZ DSN NO. 424412, NZ DSN NO. 424413, AUS DSN NO. 201812608, AUS DSN NO. 201812609, EU Design Reg. 005293040-0001

DESCRIPTION:

SUBMERSIBLE CHOPPER PUMP
DESIGNED FOR RAW SEWAGE
APPLICATIONS.



WARNING:

CANCER AND REPRODUCTIVE HARM -
WWW.P65WARNINGS.CA.GOV

Specifications:

DISCHARGE	8", 125 lb. Horizontal Flange Slotted to accommodate 200mm ISO Flanges
LIQUID TEMPERATURE	104°F (40°C) Continuous
VOLUTE	Cast Iron ASTM A-48, Class 30
STRIKER PLATE	440C Stainless Steel Heat Treated to 53-60 HRC Hole Pattern to Accommodate 8" 125 # Flange
WEAR RING.....	C954 Lead-Free Bronze
MOTOR HOUSING	Cast Iron ASTM A-48, Class 30
SEAL PLATE	Ductile Iron ASTM A-536, 65-45-12
IMPELLER:	
Design	Enclosed Dual Vane, With Pump Out Vaness on Back Side. Dynamically Balanced ISO G6.3
Material	Ductile Iron ASTM A-536, 65-45-12
SLICING BLADE	440C Stainless Steel Heat Treated to 53-60 HRC
SHAFT	416 Stainless Steel
"O" RINGS.....	Buna-N
HARDWARE	300 Series Stainless Steel
LIFTING BAIL	300 Series Stainless Steel
PAINT	Axalta™ Corlar® Epoxy, Two Coats
SEAL:	
Design	Tandem Mechanical, Oil Filled Reservoir.
Material: Inboard.....	Rotating Faces - Carbon Stationary Faces - Ceramic
Material: Outboard.....	Rotating Faces - Silicon Carbide Stationary Faces - Silicon Carbide Elastomer - Buna-N Hardware - 300 Series Stainless
CORD ENTRY	Rigid quick change epoxy-potted housing
POWER CORD	CSA Certified Submersible Power Cable 2000V - Ordered Separately
SPEED	1750, 1150 or 870 RPM
UPPER BEARING:	
Design	Single Row, Ball, Oil Lubricated
Load	Radial
LOWER BEARING:	
Design	Double Row, Ball, Oil Lubricated
Load.....	Radial & Thrust
MOTOR: Design	NEMA B Three Phase Torque Curve. Oil-Filled, Squirrel Cage Induction, Inverter Duty rated per NEMA MG1
Insulation	Class H Varnish & Magnet Wire
THREE PHASE.....	Requires overload protection to be included in control panel.
MOISTURE SENSOR	Normally Open (N/O), Requires Relay in Control Panel
TEMPERATURE SENSOR	Three Normally Closed (N/C). To be wired in series with control circuit.
OPTIONAL EQUIPMENT.....	White Iron Impeller, Seal Material, Impeller Trims, Cord Length
MARKINGS.....	CSA
WEIGHT	1146 lbs (520 Kg)
SUBMERGENCE	Max Depth 66ft (20m)
RECOMMENDED:	
Accessories.....	Break Away Fitting (BAF) Check Valve Control Panel Moisture/Temp. Sensor Relay (Pump Monitor Relay) Leg Kit



SECTION 0.2H
PAGE 2
DATE 6/20

CRANE®

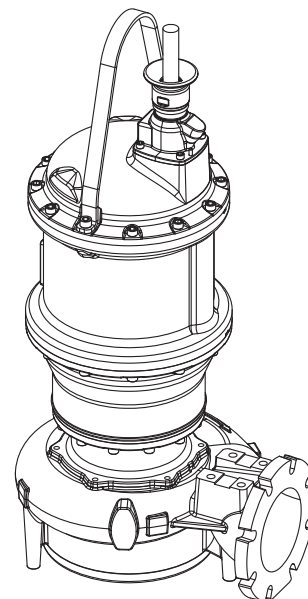
A Crane Co. Company

PUMPS & SYSTEMS

USA: (937) 778-8947 • Canada: (905) 457-6223 • International: (937) 615-3598

Specifications:

DISCHARGE	8", 125 lb. Horizontal Flange Slotted to accommodate 200mm ISO Flanges
LIQUID TEMPERATURE	104°F (40°C) Continuous
VOLUTE	Cast Iron ASTM A-48, Class 30
STRIKER PLATE	440C Stainless Steel Heat Treated to 53-60 HRC
8XSCDU	Hole Pattern to Accomodate 10" 125 # Flange
8XSCDA	Hole Pattern to Accomodate 12" 125 # Flange
WEAR RING.....	C954 Lead-Free Bronze
MOTOR HOUSING	Cast Iron ASTM A-48, Class 30
SEAL PLATE	Cast Iron ASTM A-48, Class 30
IMPELLER:	
Design	Enclosed Dual Vane, With Pump Out Vaness on Back Side, Dynamically Balanced ISO G6.3
Material	Ductile Iron ASTM A-536, 65-45-12
SLICING BLADE	440C Stainless Steel Heat Treated to 53-60 HRC
SHAFT	416 Stainless Steel
"O" RINGS.....	Buna-N
HARDWARE	300 Series Stainless Steel
LIFTING BAIL	300 Series Stainless Steel
PAINT	Axalta™ Corlar® Epoxy, Two Coats
SEAL: Design	Tandem Mechanical, Oil Filled Reservoir.
Material: Inboard.....	Rotating Faces - Carbon Stationary Faces - Ceramic
Material: Outboard.....	Rotating Faces - Silicon Carbide Stationary Faces - Silicon Carbide Elastomer - Buna-N Hardware - 300 Series Stainless
CORD ENTRY	Rigid quick change epoxy-potted housing
POWER CORD	CSA Certified Submersible Power Cable 2000V - Ordered Separately
SPEED	1750 RPM
UPPER BEARING:	
Design	Single Row, Ball, Oil Lubricated
Load	Radial
LOWER BEARING:	
Design	Double Row, Ball, Oil Lubricated
Load.....	Radial & Thrust
MOTOR: Design	NEMA B Three Phase Torque Curve. Oil-Filled, Squirrel Cage Induction, Inverter Duty rated per NEMA MG1
Insulation	Class H Varnish & Magnet Wire
THREE PHASE	Requires overload protection to be included in control panel.
MOISTURE SENSOR	Normally Open (N/O), Requires Relay in Control Panel
TEMPERATURE SENSOR	Three Normally Closed (N/C). To be wired in series with control circuit.
OPTIONAL EQUIPMENT.....	White Iron Impeller, Seal Material, Impeller Trims, Cord Length
MARKINGS	CSA
WEIGHT	1760 lbs (798 Kg)
SUBMERGENCE	Max Depth 66ft (20m)
RECOMMENDED:	
Accessories.....	Break Away Fitting (BAF) Check Valve Control Panel Moisture/Temp. Sensor Relay (Pump Monitor Relay) Leg Kit



SITHE

Series: 8XSCD
75 - 150HP, 1750RPM, 60Hz

**Explosion Proof, Class I,
Division 1, Groups C & D, T4**

Sample Specifications: Section 0.2H Page F.

This product may be covered by one or more of the following patents and other patent(s) pending: US Patent 7,931,473, NZ DSN NO. 424412, NZ DSN NO. 424413, AUS DSN NO. 201812608, AUS DSN NO. 201812609, EU Design Reg. 005293040-0001

DESCRIPTION:

SUBMERSIBLE CHOPPER PUMP
DESIGNED FOR RAW SEWAGE
APPLICATIONS.

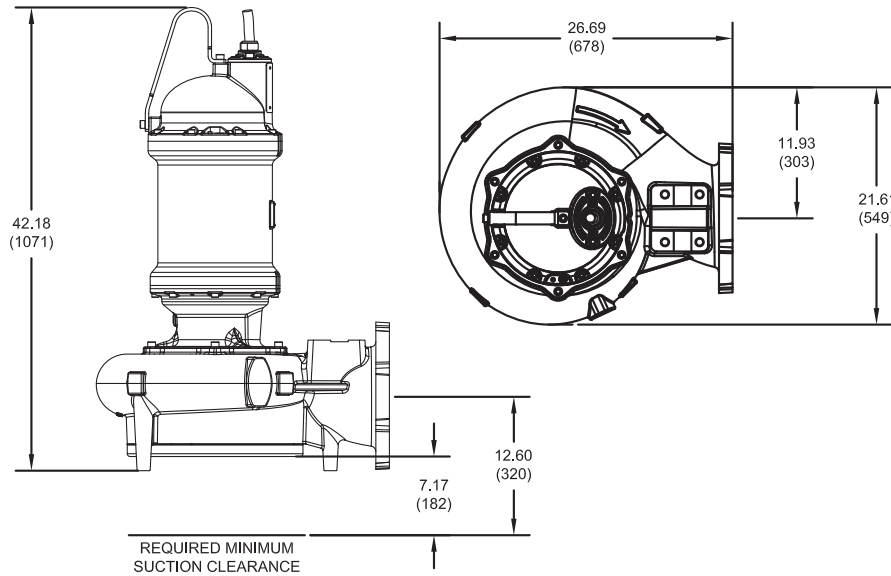


WARNING:
CANCER AND REPRODUCTIVE HARM -
WWW.P65WARNINGS.CA.GOV



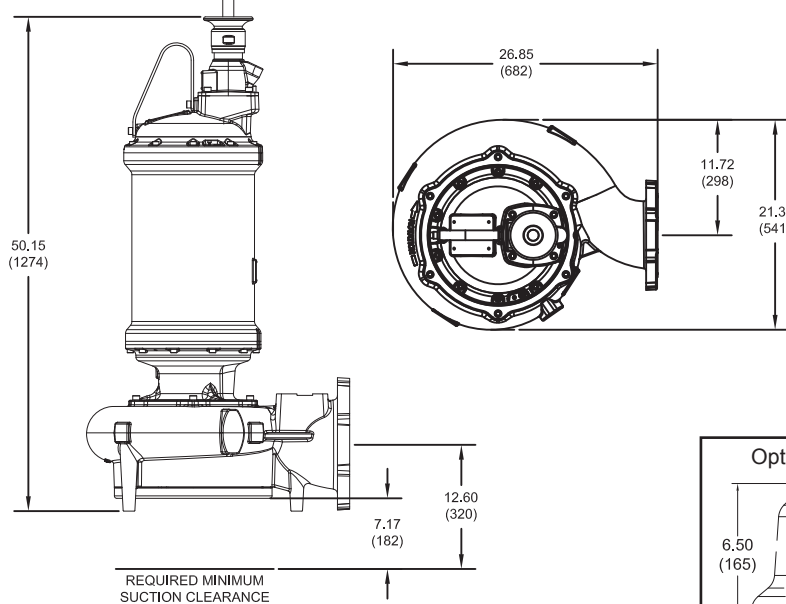
SITHE X-Pruf® Submersible Chopper Pumps

21 Frame Driver

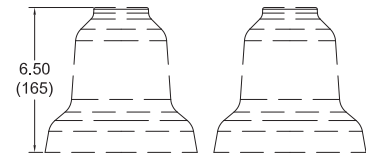


inches
(mm)

28 Frame Driver



Optional Leg Kit - p/n 125506B

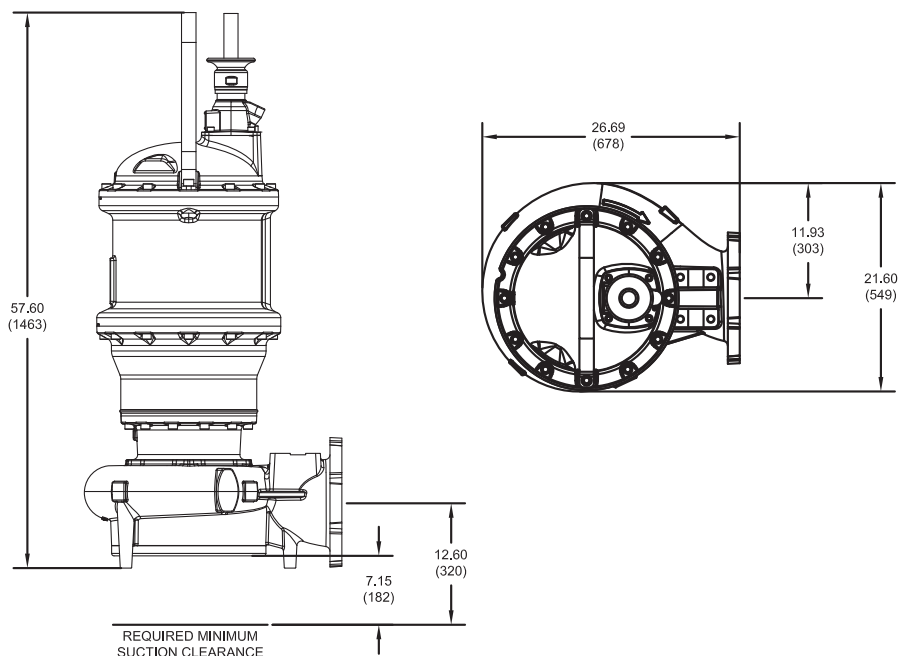


IMPORTANT !

- 1.) MOISTURE AND TEMPERATURE SENSORS MUST BE CONNECTED TO VALIDATE THE CSA LISTING.
- 2.) A SPECIAL MOISTURE SENSOR RELAY IS REQUIRED IN THE CONTROL PANEL FOR PROPER OPERATION OF THE MOISTURE SENSORS. CONTACT BARNES PUMPS FOR INFORMATION CONCERNING MOISTURE SENSING RELAYS FOR CUSTOMER SUPPLIED CONTROL PANELS.
- 3.) THESE PUMPS ARE CSA LISTED FOR PUMPING WATER AND WASTEWATER. **DO NOT USE TO PUMP FLAMMABLE LIQUIDS.**
- 4.) INSTALLATIONS SUCH AS DECORATIVE FOUNTAINS OR WATER FEATURES PROVIDED FOR VISUAL ENJOYMENT MUST BE INSTALLED IN ACCORDANCE WITH THE NATIONAL ELECTRIC CODE ANSI/NFPA 70 AND/OR THE AUTHORITY HAVING JURISDICTION. THIS PUMP IS NOT INTENDED FOR USE IN SWIMMING POOLS, RECREATIONAL WATER PARKS, OR INSTALLATIONS IN WHICH HUMAN CONTACT WITH PUMPED MEDIA IS A COMMON OCCURRENCE.

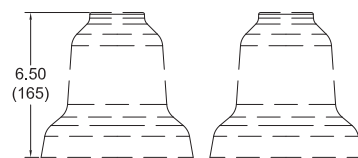
SITHE X-Pruf® Submersible Chopper Pumps

32 Frame Driver



inches
(mm)

Optional Leg Kit - p/n 125506B

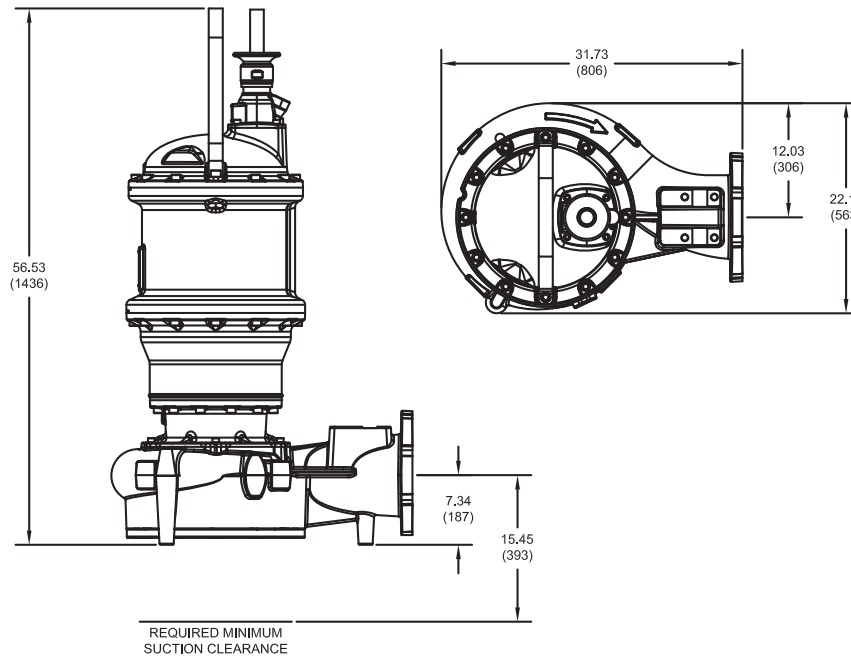


IMPORTANT !

- 1.) MOISTURE AND TEMPERATURE SENSORS MUST BE CONNECTED TO VALIDATE THE CSA LISTING.
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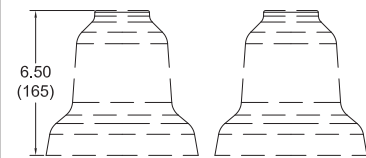
SITHE X-Pruf® Submersible Chopper Pumps

32 Frame Driver



inches
(mm)

Optional Leg Kit - p/n 125506B



IMPORTANT !

- 1.) MOISTURE AND TEMPERATURE SENSORS MUST BE CONNECTED TO VALIDATE THE CSA LISTING.
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MODEL NO	HP	VOLT PH Hz	RPM (Nom)	NEMA START CODE	FULL LOAD AMPS	SERVICE FACTOR	SERVICE FACTOR AMPS	LOCKED ROTOR AMPS	DRIVER FRAME	CORD P/N ▲	CORD SIZE
8XSCDU25094	25.0	208 230	1750	G	77.8 71.4	1.2	93.4 82.3	359.0	28	138319	2/4 - 18/4
8XSCDU25044	25.0	460	1750	G	33.2	1.2	38.9	191.9	21	125499	8/4 - 18/4
8XSCDU25054	25.0	575	1750	G	26.6	1.2	31.1	153.5	21	125497	12/4 - 18/4
8XSCDU30094	30.0	208 230	1750	E	93.4 82.3	1.2	116.9 98.7	359.0	28	138319	2/4 - 18/4
8XSCDU30044	30.0	460	1750	F	38.9	1.2	45.9	191.9	21	125499	8/4 - 18/4
8XSCDU30054	30.0	575	1750	F	31.1	1.2	36.7	153.5	21	125499	8/4 - 18/4
8XSCDU40034	40.0	230	1750	E	106.0	1.2	126.4	486.0	28	138319	2/4 - 18/4
8XSCDU40044	40.0	460	1750	E	53.0	1.2	63.2	243.0	28	138318	6/4 - 18/4
8XSCDU40054	40.0	575	1750	E	42.4	1.2	50.6	194.4	28	138317	8/4 - 18/4
8XSCDU50044	50.0	460	1750	F	67.1	1.2	79.0	339.0	28	138318	6/4 - 18/4
8XSCDU50054	50.0	575	1750	F	53.7	1.2	63.2	271.2	28	138318	6/4 - 18/4
8XSCDU60044	60.0	460	1750	E	79.0	1.2	95.5	339.0	28	138319	2/4 - 18/4
8XSCDU60054	60.0	575	1750	E	63.2	1.2	76.4	271.2	28	138318	6/4 - 18/4
8XSCDU75044	75.0	460	1750	G	108.4	1.15	120.7	578	32	138319	2/4 - 18/4
8XSCDU75054	75.0	575	1750	G	86.7	1.15	96.6	462.4	32	138319	2/4 - 18/4

SCDU Pump

IMPORTANT !

Moisture and Temperature sensor leads are integral to power cord.

Pump rated for operation at ± 10% voltage at motor.

▲ Cord Suffix: XC - 30 Feet, XF - 50 Feet, XJ - 75 Feet, or XL - 100 Feet.

▲ Cord sold separately.

SITHE

X-Pruf® Submersible Chopper Pumps

	MODEL NO	HP	VOLT	PH	Hz	RPM (Nom)	NEMA START CODE	FULL LOAD AMPS	SERVICE FACTOR	SERVICE FACTOR AMPS	LOCKED ROTOR AMPS	DRIVER FRAME	CORD P/N ▲	CORD SIZE	
SCDU Pump	8XSCDU75N6*	7.5	208	3	60	1150	J	24.9	1.2	29.6	137.6	21	125496	12/4 - 18/4	
			230					24.0		27.6					
			460					12.0		13.8	68.8	21	125497		
	8XSCDU7556*	7.5	575	3	60	1150	J	9.6	1.2	11	55	21	125497	12/4 - 18/4	
			208					32.9		41					
			230					30.2		1.2	35.8	137.6	21		125498
	8XSCDU100N6	10.0	460	3	60	1150	F	15.1	1.2	17.9	68.8	21	125497	12/4 - 18/4	
			575					12.1		14.3	55	21	125497		
			208					47.0		56.8	248.6	21	125498		
	8XSCDU150N6	15.0	230	3	60	1150	H	44.1	1.2	51.4				8/4 - 18/4	
			460					22.0		1.2	25.7	124.3	21		125497
			575					17.6		1.2	20.6	99.4	21		125497
	8XSCDU200N6	20.0	208	3	60	1150	H	60.3	1.2	71.5	354.0	28	138318	6/4 - 18/4	
			230					57.2		1.2	69.8				
			460					28.6		1.2	34.9	124.3	21		125499
	8XSCDU20046	20.0	460	3	60	1150	E	22.9	1.2	27.9	99.4	21	125497	12/4 - 18/4	
575			75.2					1.2		90.8	354.0	28	138319		
208			70.8					1.2		82.6					
8XSCDU250N6	25.0	230	3	60	1150	G	35.4	1.2	41.3	177.0	28	138317	8/4 - 18/4		
		460					28.3		1.2	33.0	141.6	28		138317	
		575					32.0		1.2	35.0	230.0	28		138317	
SCDU Pump	8XSCDU7598	7.5	208	3	60	870	L	32.0	1.2	35.0	230.0	28	138317	8/4 - 18/4	
			230					34.6		36.9					
			460					17.3		18.5	115.0	28	138317		
	8XSCDU7548	7.5	460	3	60	870	L	13.9	1.2	14.8	92.0	28	138317	8/4 - 18/4	
			575					37.2		42.0	230.0	28	138317		
			208					38.6		42.2					
	8XSCDU7658	7.5	208	3	60	870	L	19.3	1.2	21.1	115.0	28	138317	8/4 - 18/4	
			230					15.4		16.9	92.0	28	138317		
			460					50.4		59.0	230.0	28	138317		
	8XSCDU10098	10.0	460	3	60	870	G	48.4	1.2	55.6	115.0	28	138317	8/4 - 18/4	
			575					24.2		27.8	92.0	28	138317		
			208					19.4		22.2					
	8XSCDU10048	10.0	460	3	60	870	L	24.2	1.2	27.8	115.0	28	138317	8/4 - 18/4	
			575					19.4		22.2	92.0	28	138317		
			208												
	8XSCDU10058	10.0	460	3	60	870	L	24.2	1.2	27.8	115.0	28	138317	8/4 - 18/4	
575			19.4					22.2		92.0	28	138317			
208															
8XSCDU15098	15.0	460	3	60	870	G	24.2	1.2	27.8	115.0	28	138317	8/4 - 18/4		
		575					19.4		22.2	92.0	28	138317			
		208													
8XSCDU15048	15.0	460	3	60	870	G	24.2	1.2	27.8	115.0	28	138317	8/4 - 18/4		
		575					19.4		22.2	92.0	28	138317			
		208													
8XSCDU15058	15.0	460	3	60	870	G	24.2	1.2	27.8	115.0	28	138317	8/4 - 18/4		
		575					19.4		22.2	92.0	28	138317			
		208													

IMPORTANT !

Moisture and Temperature sensor leads are integral to power cord.

Pump rated for operation at ± 10% voltage at motor.

▲ Cord Suffix: XC - 30 Feet, XF - 50 Feet, XJ - 75 Feet, or XL - 100 Feet.

▲ Cord sold separately.

* Select impeller diameter when ordering.

MODEL NO	HP	VOLT PH	Hz	RPM (Nom)	NEMA START CODE	FULL LOAD AMPS	SERVICE FACTOR	SERVICE FACTOR AMPS	LOCKED ROTOR AMPS	DRIVER FRAME	CORD P/N ▲	CORD SIZE
8XSCDA100044*	100.0	460	3	60	1750	E	136.6	1.15	155.3	578.0	138319	2/4 - 18/4
8XSCDA100054*	100.0	575	3	60	1750	E	109.2	1.15	124.2	462.4	138319	2/4 - 18/4
8XSCDA125044	125.0	460	3	60	1750	F	169.4	1.15	191.5	800.0	138320	1/0/4 - 18/4
8XSCDA125054	125.0	575	3	60	1750	F	135.6	1.15	153.2	640.0	138319	2/4 - 18/4
8XSCDA150044	150.0	460	3	60	1750	D	187.0	1.0	187.0	800.0	138320	1/0/4 - 18/4
8XSCDA150054	150.0	575	3	60	1750	D	159.5	1.0	159.5	640.0	138320	1/0/4 - 18/4

SCDA Pump

IMPORTANT !

Moisture and Temperature sensor leads are integral to power cord.

Pump rated for operation at ± 10% voltage at motor.

▲ Cord Suffix: XC - 30 Feet, XF - 50 Feet, XJ - 75 Feet, or XL - 100 Feet.

▲ Cord sold separately.

* Select impeller diameter when ordering.

Series 8XSCDU

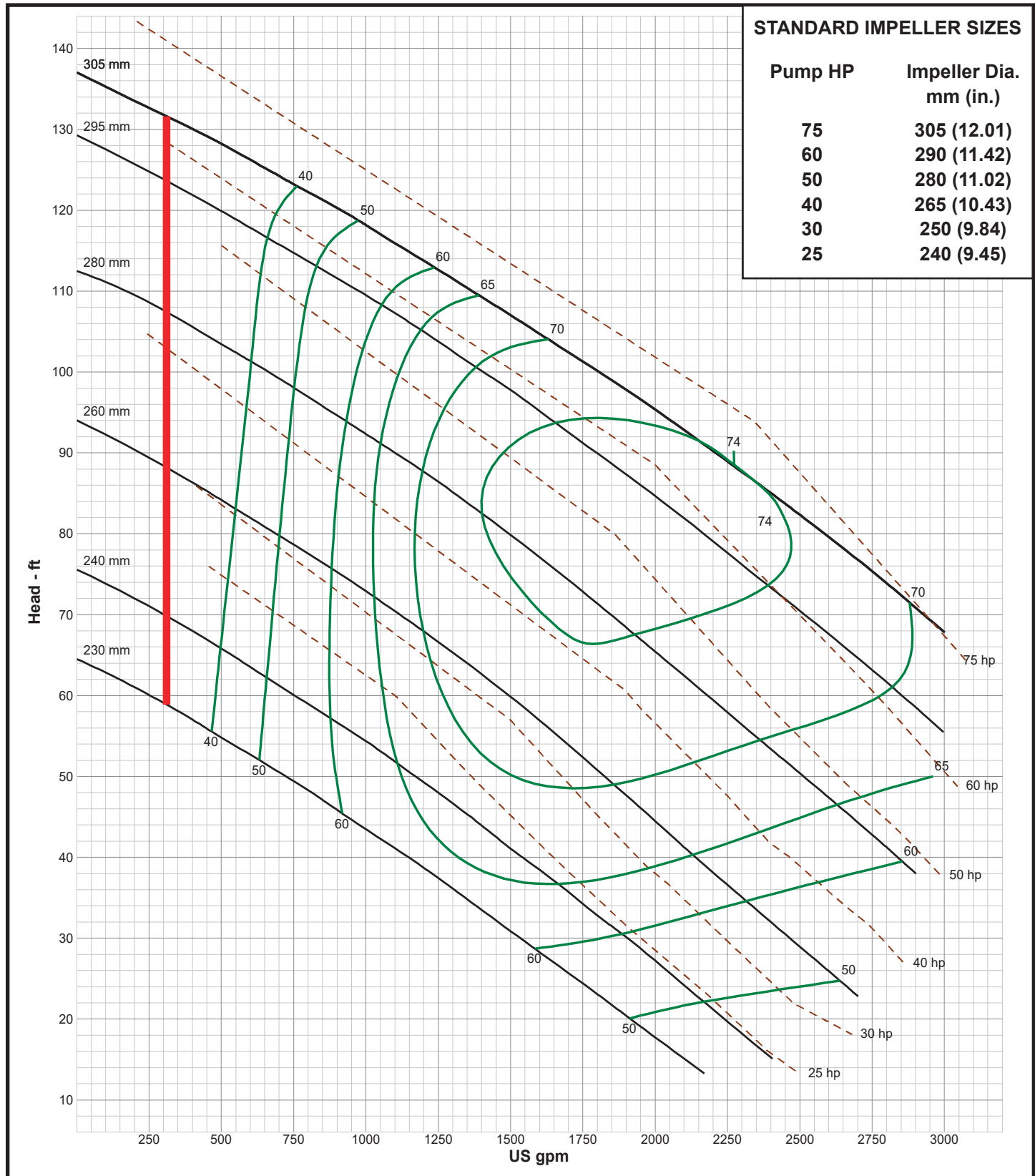
Performance Curve

25 - 100HP, 1750RPM, 60Hz

BARNES®

www.cranepumps.com

SITHE X-Pruf® Submersible Chopper Pumps



SECTION 0.2H
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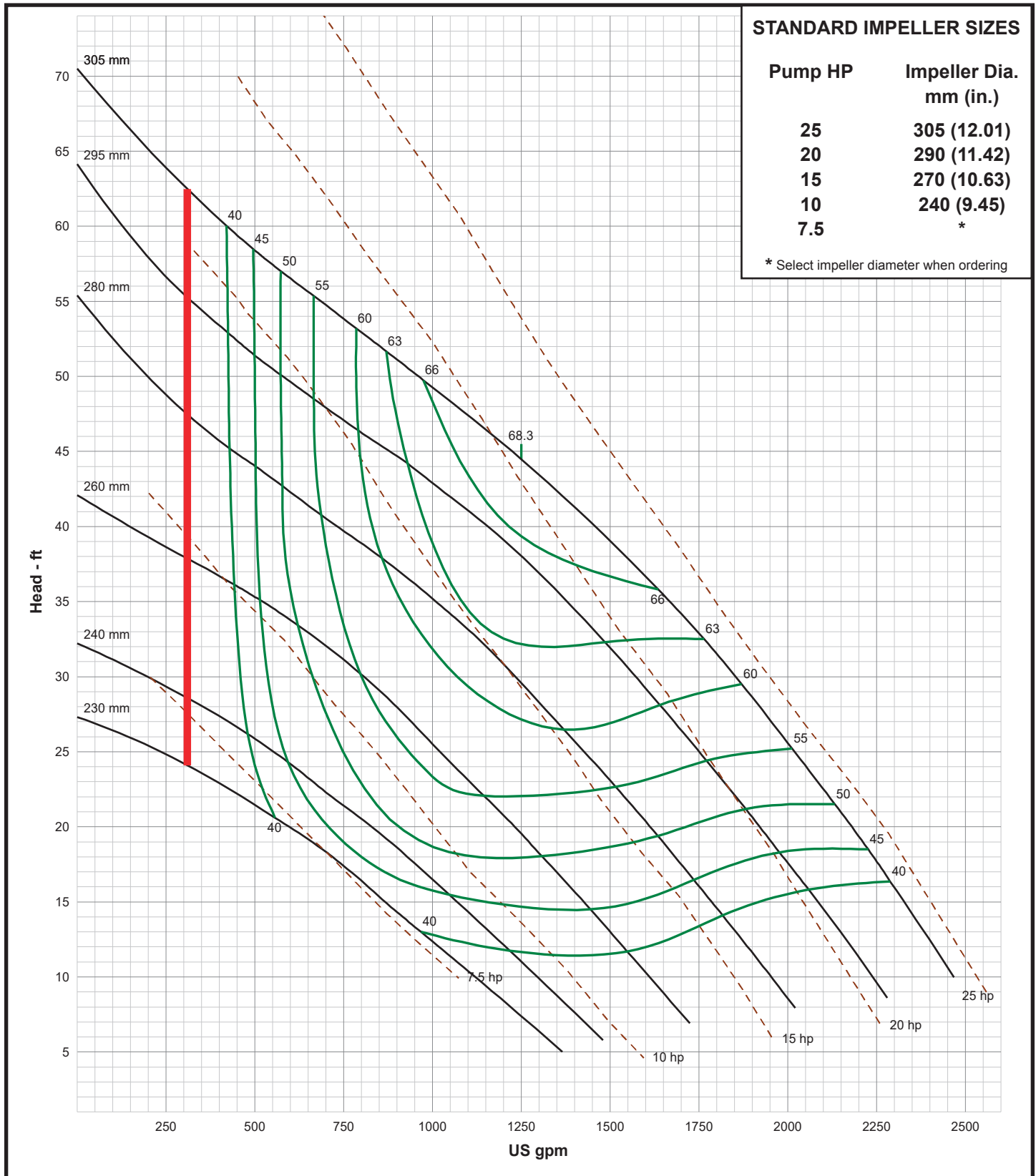
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