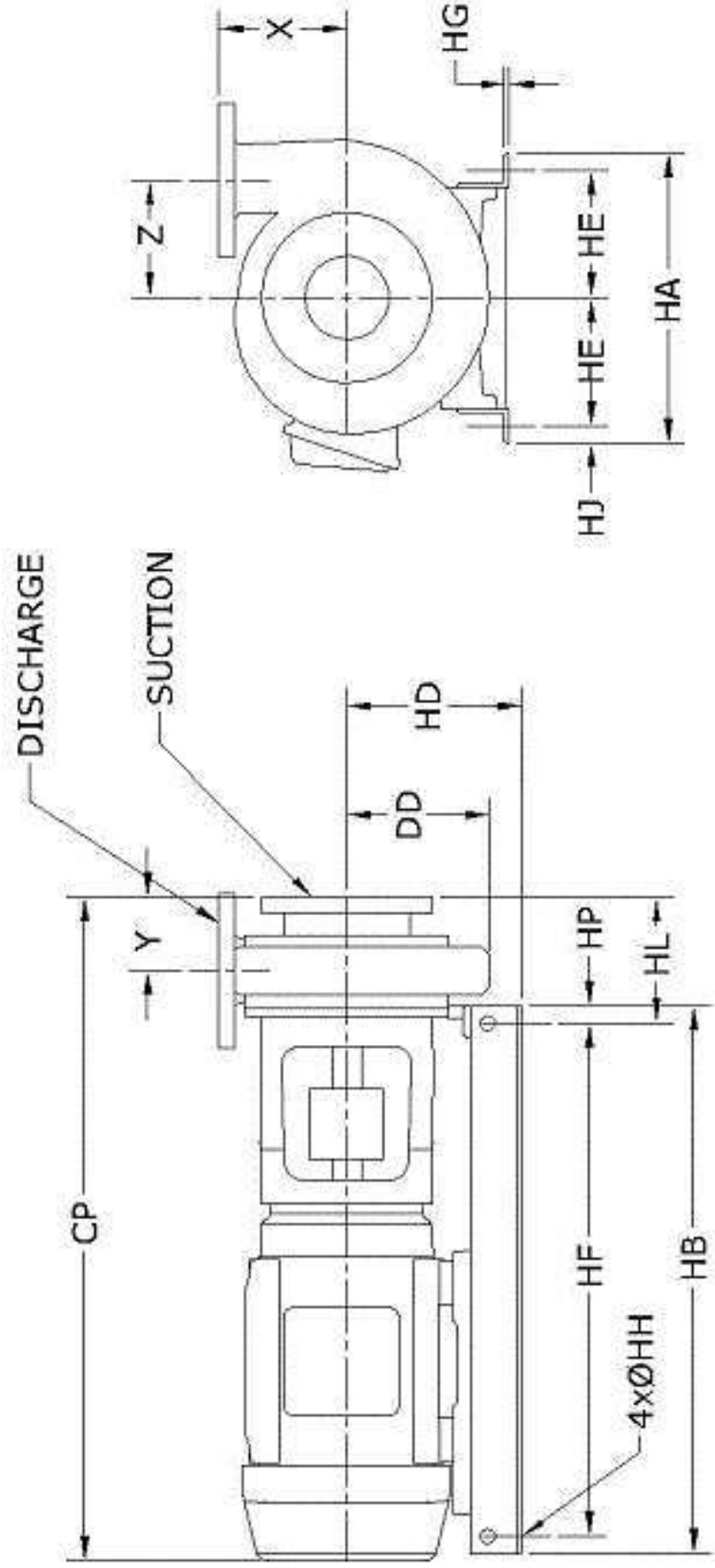


Project name	:		Tag Number	:	001
Consulting engineer	:		Service	:	
Customer	:	DELVAL EQUIPMENT CORP	Model	:	50123 LCS
Customer ref. / PO	:		Quantity	:	1
Quote Number / ID	:	1208041	Quoted By (Sales Office)	:	DELVAL EQUIPMENT CORP
Date last saved	:	07/29/2020 2:04 PM	Quoted By (Sales Engineer)	:	Bryan Brodzik
Construction			Motor Information		
Nozzle	Size (in.)	Nozzle Configuration	Pos'n	Manufacturer	: Baldor
Suction	6	125# ANSI	-	Frame Size	: 284TC
Discharge	5	125# ANSI	-	Power	: 15.00 hp
Orientation / Configuration	:	Horizontal		RPM	: 1200 rpm
Rotation	:	Clockwise		Enclosure	: ODP
Wear Ring Configuration	:	Single - Case		Operating Power Supply	: 600/3/60
Discharge Elbow Size	:	-		Efficiency	: Premium
Subplate	:	-		Service factor	: 1.15
Sump Depth (feet)	:	-		Motor Application	: Suitable for Variable Speed Drive
Bearing Frame	:	-		Motor Options/Accessories	: -
Bearing Frame Foot	:	-		Cord Length (feet)	: -
Bearing Type (Radial/Thrust)	:	-		Materials	
Bearing Lubrication	:	-		Case	: Cast Iron, ASTM A48 - Class 30
Thrust Bearing	:	-		Motor Bracket	: Cast Iron, ASTM-A48, CL 30
Intermediate Bearing	:	-		Impeller	: Stainless Steel, AISI-304 (H304)
Lower Bearing	:	-		Impeller Cap Screw and Washer	: Stainless Steel, AISI-303
Bearing Housing Accessories	:	-		Impeller Key	: Stainless Steel, AISI 316
PACO Construction code	:	14-50123-XA036Y-1823P		Case wear ring	: Special/Other
Baseplate, Coupling and Guard				Impeller wear ring	: -
Baseplate	:	Welded Steel Fabrication		Pump Shaft	: Stainless Steel, AISI-303
Drip Pan	:	No drip pan		Sleeve	: -
Coupling	:	Rigid, Axial Split Coupling (aluminum) RASC5		Line Shaft	: -
Guard	:	OSHA Approved		Column	: -
Seal & Packing Construction				Discharge Pipe	: -
Sealing Method	:	Single Seal, Type 2		Discharge Elbow	: -
Seal Material	:	EPDM Carbon & Si-Cbd SS-s/hwr		Suction Elbow	: -
Packing Gland	:	-		Subplate	: -
Lantern Ring	:	-		Hardware	: Steel, Grade 5
Recirculation Lines	:	Stainless Steel Tubing and Fittings		O Rings	: Buna N
Weights (Approx.)				Pump Coatings	: Scotchkote 134 (wetted cast iron parts, interior & exterior)
Pump	:	258.0 lb			
Baseplate	:	60.00 lb			
Driver	:	287.0 lb			
Estimated Shipping gross weight	:	605.0 lb			

General Arrangement

Project name	:	Tag Number	: 001
Consulting engineer	:	Service	: Filtration Unit
Customer	:	Model	: 50123 LCS
Customer ref. / PO	:	Quantity of pumps	: 1
Quote Number / ID	:	Quoted By (Sales Office)	: DELVAL EQUIPMENT CORP
Date last saved	:	Quoted By (Sales Engineer)	: Bryan Brodzik



NOT FOR CONSTRUCTION. Unless certified and referenced on order

Units	Frame	Suct(in)	Disch(in)	CP	DD	HA	HB	HD	HE	HF	HG	HH	HJ	HL	HP	X	Y	Z	Weight ea				
inches	284TC	6	5	45.00	9.50	17.00	32.00	11.00	7.50	30.00	0.25	0.63	1.00	9.59	1.00	10.50	5.41	8.25	605.0				
Conditions of Service				Motor Data																			
Flow: 450.0 USgpm				Fluid:		HP: 15		End: ODP		Phase: 3										Efficiency: Premium			
TDH:				Temp.:		RPM: 1187 rpm		Hz: 60		Voltage: 600										S.F.: 1.15			

Grundfos Series LCS - Split Coupled End Suction Pump

PROJECT NUMBER / ID 1208041	UNIT TAG 001	LCS 50123
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MATERIALS OF CONSTRUCTION			
PART	MATERIAL	PART	MATERIAL
Rotation Options	Clockwise	Impeller Washer	S.S., AISI-303
Base/Stand Type	Steel Base / Cast Iron	Impeller Key	Steel, AISI 1045
Bushing	Vesconite	Coupling Options	Rigid Aluminum Axially Split Coupling
Wear Ring Material	Vesconite	Pump Coatings	Standard Paint
Seal Type	Type 21	Seal Material	Ceramic/Carbon/Buna
O-Rings	Buna N	Casing	Cast Iron, ASTM-A48, CL 30
Backplate/Seal Plate	Cast Iron, ASTM-A48, CL 30	Seal Flush Options	External Flush, plastic tubing
Gaskets	Vegetable Fiber	Motor Bracket	Cast Iron, ASTM-A48, CL 30
Casing Bolts	Steel, Grade 5	Impeller	Stainless Steel, AISI-304
Impeller Cap Screw	Stainless Steel, AISI-316		

* All materials based on STANDARD configuration