

# PUMP DATA SHEET

Model	AIT2S-40505-3T	Title			Sheet No.		
Customer				Agent No.			
Location				Date Issued			
Item No.				Plant Name			
Service				Quantity		Location	<input checked="" type="checkbox"/> In, <input type="checkbox"/> out
<b>OPERATING CONDITION</b>							
Liquid	Water	Flow	200*2 (67m) L/min				
Pumping Temp	0°C ~ 80°C	Suct. Head	0 m				
Specific Gravity		Disch. Head	85 m				
Vapor Pressure	kg/cm <sup>2</sup> A	Total Head	85 m				
Viscosity	1 cP						
<b>PERFORMANCE AND CONSTRUCTIONS</b>					<b>MATERIALS</b>		
<input type="checkbox"/> Horizontal <input checked="" type="checkbox"/> Vertical	Efficiency			(Parts' Name)	Symbol®		
Number of Stages	5 Stage	Rated Power	3.7*2		Impeller	STS - 304	
Speed	3500 RPM	NPSHre	mAq		Guide Vane	STS - 304	
Rotation	<input checked="" type="checkbox"/> CW, <input type="checkbox"/> CCW (viewed from motor)			Shaft	STS - 316		
Flange	Size(Dia)	Rating	Face	Position	Casing	STS - 304	
Suction	65A		<input checked="" type="checkbox"/> FF, <input type="checkbox"/> RF	<input type="checkbox"/> TOP <input checked="" type="checkbox"/> Side	Suct. Flange	STS - 304	
Discharge	65A		<input checked="" type="checkbox"/> FF, <input type="checkbox"/> RF	<input type="checkbox"/> TOP <input checked="" type="checkbox"/> Side	Disch. Flange	STS - 304	
Impeller Type	close Type	<input checked="" type="checkbox"/> Single Suct <input type="checkbox"/> Double Suct	<b>HYDROSTATIC</b>		Holder	GC - 200	
Flow Direction	<input checked="" type="checkbox"/> Radial <input type="checkbox"/> Mixed <input type="checkbox"/> Axial			Casing	10 kg/cm <sup>2</sup>	3 Min	
Shaft Seal	<input type="checkbox"/> G/Packing <input checked="" type="checkbox"/> M/Seal			Pressure Tank	10 kg/cm <sup>2</sup>	3 Min	
Shaft Sleeve	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No						
Mounting	<input checked="" type="checkbox"/> Foot <input type="checkbox"/> Centerline			<b>TESTING</b>			
Lubrication Type	<input type="checkbox"/> Grease <input type="checkbox"/> Oil Bath			(Items)	(self test)	(Witness)	
Cooling	<input type="checkbox"/> Stuff. Box <input type="checkbox"/> B/R Housing <input checked="" type="checkbox"/> Fan Cooling			Run Perform	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input type="checkbox"/> No	
R Bearing	6206 zz c3	F Bearing	6305 zz c3	Hydrostatic	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input type="checkbox"/> No	
<b>PUMP DRIVER</b>					<b>SPARE PARTS</b>		
Motor	V/Phase/Hz	220/380	3	60	Impeller		
Maker	HANIL PUMP Co., Ltd.				Shaft		
Type	INDUCTION MOTOR				Shaft Sleeve		
Power	3.7*2				Casing Ring		
Pole&Speed	2P 3500rpm	Insulation Class	<input checked="" type="checkbox"/> F <input type="checkbox"/> E		Bearing(R+F)		
<b>ACCESSORIES</b>					M/Seal		
<input checked="" type="checkbox"/> Base Plate	<input type="checkbox"/> Cast Iron <input type="checkbox"/> Plastic <input checked="" type="checkbox"/> Steel Plate				Oil Seal		
<input type="checkbox"/> Unions							
<input type="checkbox"/> Coupling	<input type="checkbox"/> Sun Flex <input type="checkbox"/> Wood <input type="checkbox"/> Grid <input type="checkbox"/> No				Coupling		
<input type="checkbox"/> Pressure Gauge	<input type="checkbox"/> Suct. Vacuum <input type="checkbox"/> Suct. Compound <input type="checkbox"/> Disch. Press <input checked="" type="checkbox"/> No				Coupling Rubber		
<input checked="" type="checkbox"/> Plug for priming & Screw for Drain					Name Plate		
Mechanical Seal	Maker	EKK	Model & Size	φ16	<b>WEIGHT</b>		
	Type	EE220-016	Cooler	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Pump/Bed	kg	
<input type="checkbox"/> Companion Flange					Driver	kg	
<input type="checkbox"/> Special Tools					Total Wt.	kg	