

# 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 <sup>Ⓞ</sup>	
Number of Stages	5 Stage	Rated Power	3.7*2		Impeller	STS - 304
Speed	3500 RPM	NPSHr	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		
	Type	EE220-016	Cooler	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		
<input type="checkbox"/> Companion Flange				Driver	kg	
<input type="checkbox"/> Special Tools				Total Wt.	kg	