

TEIKOKU MOTOR PUMP DATA SHEET

Sheet No. **QJJ-2314**

DATE		1995. 1.13	
NO. REQ'D		3	
JOB NAME:	IBP S.S.P	Suct. Flange	JPI 300 LB 2-1/2B
ORDER NO. ^(C)	2014314 210255T	Disch. Flange	JPI 300 LB 2B
JOB NO. ^(B)	CA81E628K	ITEM NO.	P-4501A.B&P-5501
TYPE:	F42-416X4L-0506U1V-BV	FACE	RF
		Painting Color	HEATRESISTANT SILVER HEATRESISTANCE: 300°C

1. OPERATING CONDITIONS SERVICE : **HM CIRCULATION PUMP P.T. PETNESIA RESINDO**

Total Head	50	m	Capacity	500	ℓ/min.	(30	m ³ /h)
NPSH avail.	****	m/req.	Suct.Press.	****	****	****	kgf/cm ²
Liquid	THERM S600						
SP. GR. at P.T.	0.863-0.840	Vis. at P. T.	0.47-0.41	cP	Pumping Temp.	(Des. 250°C) 200-230 °C	
Vap. Press. at P. T.	0.255	Melting Point	****	°C	Suspended Solid	****	

2. MOTOR (Three Phase Induction Motor) Electric Source (3*50 Hz* 380 V)

Output	7.5	kW	Rated Current	18	A	Starting Current	95	A
Pole No.	2	Insu. Class	C	Explosion Proof	d 2G1			
TEIKOKU Rotary Guardian	YES	Thermostat Working Temp.	****	°C				

3. MATERIALS

Casing	SCS13	Impeller	SCS13	Shaft	SUS304
Stator Can	HC276	Rotor Can	HC276	Bearing	Carbon Graphite
Hard Facing	STELLITE	Gasket	SUS304+Asbestos		

4. UTILITY DATA

Motor Jacket	NONE	Casing Jacket	NONE	Pipe Jacket	NONE
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5. ACCESSORIES & SPARE PARTS

Foundation Bolt	3	SETS			
Bearing	3	SETS	Shaft Sleeve	3	SETS
Thrust Collar	3	SETS	Lock Washer	3	SETS
Gasket				3	SETS

6. FLUSHING

Liquid	****	Flow	****	ℓ/min.	Press.	****	kgf/cm ²
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7. DRAWINGS

Dimensional Dwg.	4Z-1432	Terminal Box	4W-3223G-2	Sectional View Dwg.	4L-9384
Material List	P-21842	Estimated performance Curve	S-32560	Spare parts List	SB-1602

8. REMARKS Rotation: C. C. W. (Viewed From Pump Side)

Thermal insulation(abt.50mm thickness) is required for both motor and pump section.

008-2

Mar. 28, '95 revised 1 point, deleted 1 point, & added 1 point (J.M.)
 Mar. 22, '95 added 1 point (J. Manabe)
 Feb. 27, '95 revised 1 point (J. Manabe)

APPROVED BY	CHECKED BY	DRAWN BY
<i>S. Kudo</i>	<i>T. Manabe</i>	<i>S. Miyaji</i>

TEIKOKU ELECTRIC MFG. CO., LTD.

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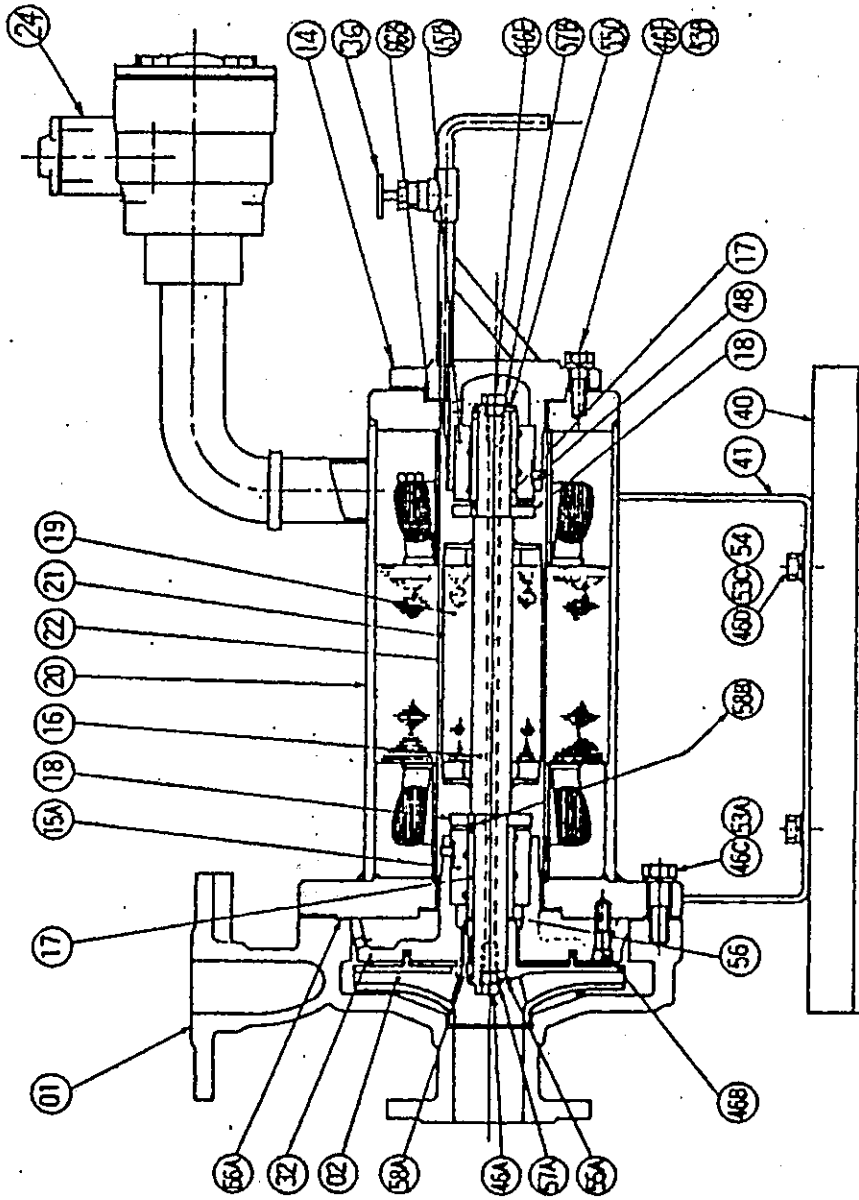
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No.	NAME OF PARTS	No.	NAME OF PARTS
01	CASING	46C	BOLT
02	IMPELLER	46D	BOLT
		46E	BOLT
		46F	BOLT
14	BB HOUSING		
15A	BEARING A	48	SET SCREW
15B	BEARING A		
16	SHAFT	53A	SPRING WASHER
17	SHAFT SLEEVE	53B	SPRING WASHER
18	THRUST COLLAR	53C	SPRING WASHER
19	ROTOR ASSY	54	PLAIN WASHER
20	STATOR ASSY	55A	WASHER
21	ROTOR CAM		
22	STATOR CAN	55C	WASHER
		56	ADJUSTING WASHER
24	TERMINAL BOX ASSY	57A	LOCK WASHER
32	FB HOUSING	57B	LOCK WASHER
		58A	KEY
		58B	KEY
36	VENT VALVE		
40	BASE		
41	HOLDER	66A	GASKET
46A	BOLT	66B	GASKET
46B	BOLT		



DWG. TITLE

SCALE

DRAWN

CHECKED

APPROVED

REVISIONS

DWG. NO.

SECTIONAL VIEW DRAWING

41-9384

FREE

Aug. 19, '89

M. Motomachi

M. Janon S. Galand

DWG. NO.

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