

PUMP DATA SHEET				WORK No.				
1	CUSTOMER			DATE		2019/6/26		
2	USER			AUTH. BY	CHKD BY	MADE BY		
3	EQUIP' T NAME			H. Miyakoshi	M. M	M. Murakami		
4	ORDER No.			REV. DATE	LINE No.	BY		
5	JOB No.			\triangle 2020/4/1	25	M. Murakami		
6	ITEM (PUMP) No.							
7	PUMP NAME							
8	QUANTITY							
9	OPERATING CONDITIONS				CONSTRUCTION			
10	LIQUID			PUMP CODE	MMP21-B64			
11	SLURRY			MAGNET TYPE	R25x6N			
12		(wt%)	(mm)	BEARING	RADIAL :	-	THRUST : -	
13	PH			AUXILIARY PIPING	-			
14	PUMPING TEMP.	(-20~130) (°C)		NOZZLE	SIZE	RATING	FACING	
15	SPEC. GRAVITY	@P. T.	1	SUCTION	3/4"	R	-	
16	VAPOUR PRESS.	@P. T.		DISCHARGE	3/4"	R	-	
17	VISCOSITY	@P. T.	1 (mPa·s)	IMPELLER DIA. DES.	φ115 (mm)			
18	CAPACITY	1.8 (m3/hr)	30 (l/min)	ROTATION VIEWED FROM CPLG END	■CW □CCW			
19	DISCH. PRESS.			PERFORMANCE				
20	SUCT. PRESS.			SPEED	3520 (rpm)			
21	DIFF. PRESS.			NPSH REQ' D(WATER)	- (m)			
22	TOTAL HEAD	24 (m)		DES. EFF.	27 (%)			
23	NPSH AVAIL.			DES. BHP	0.44 (kW)			
24	CASE DES. TEMP.	130 (°C)	PRESS. 0.6 (MPaG)	MIN. CONTINUOUS FLOW	0.24 (m3/hr)	4 (l/min)		
25	INSTALLATION	<input type="checkbox"/> INDOOR <input type="checkbox"/> OUTDOOR						
26	MOTOR				MATERIALS			
27	TYPE	全閉外扇 屋外	FORM	フランジ形	CASING	SCS13		
28				IMPELLER	SUS304			
29	SPEED	3600 (SYN) (rpm)		BUSHING, THRUST RING	SiC-D, SiC			
30	VOLTS/CYCLE	200 (V)	60 (Hz)	SHAFT (HF)	SiC (-)			
31	RATED OUTPUT/POLES	0.55 (kW)	2 (P)	GASKET	PTFE			
32	FRAME	71	MFR. BROOK	O RING	---			
33	PUMP PAINTING							
34	COLOR	BODY: 2.5PB4/10	COVER: ---					
35	REMARKS							
36								
37								
38								
39								
40								



<試験成績表>

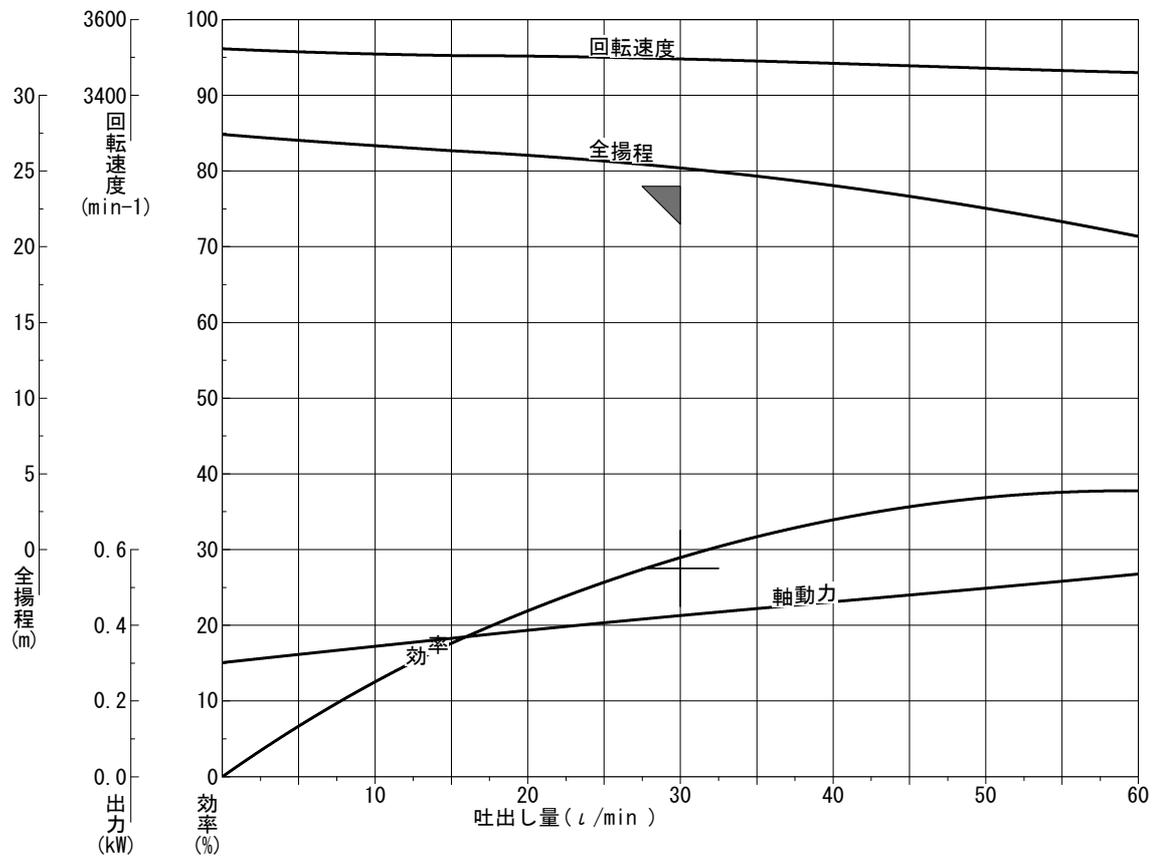
CODE : MMP21-B64/B66
 PUMP TYPE : MMP
 PUMP SIZE : 21

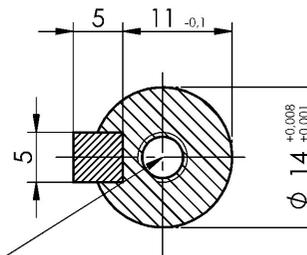
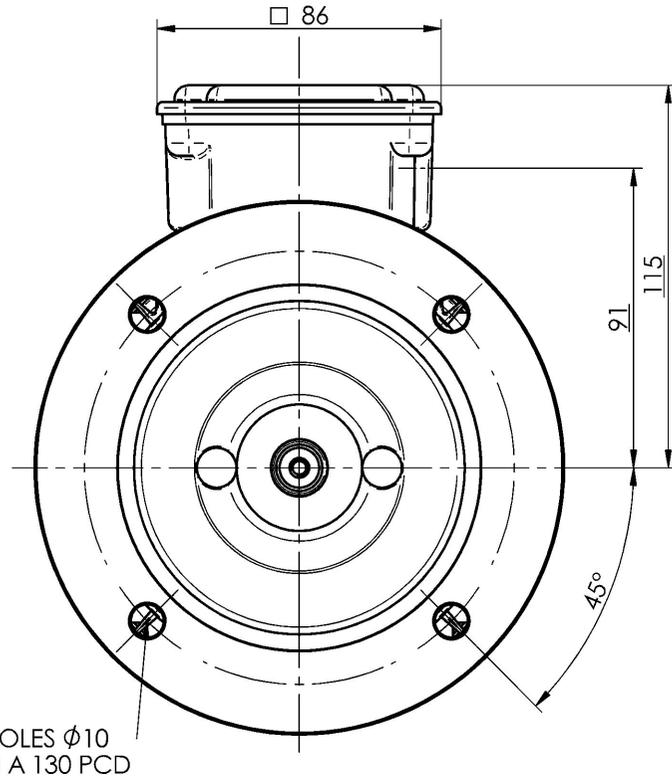
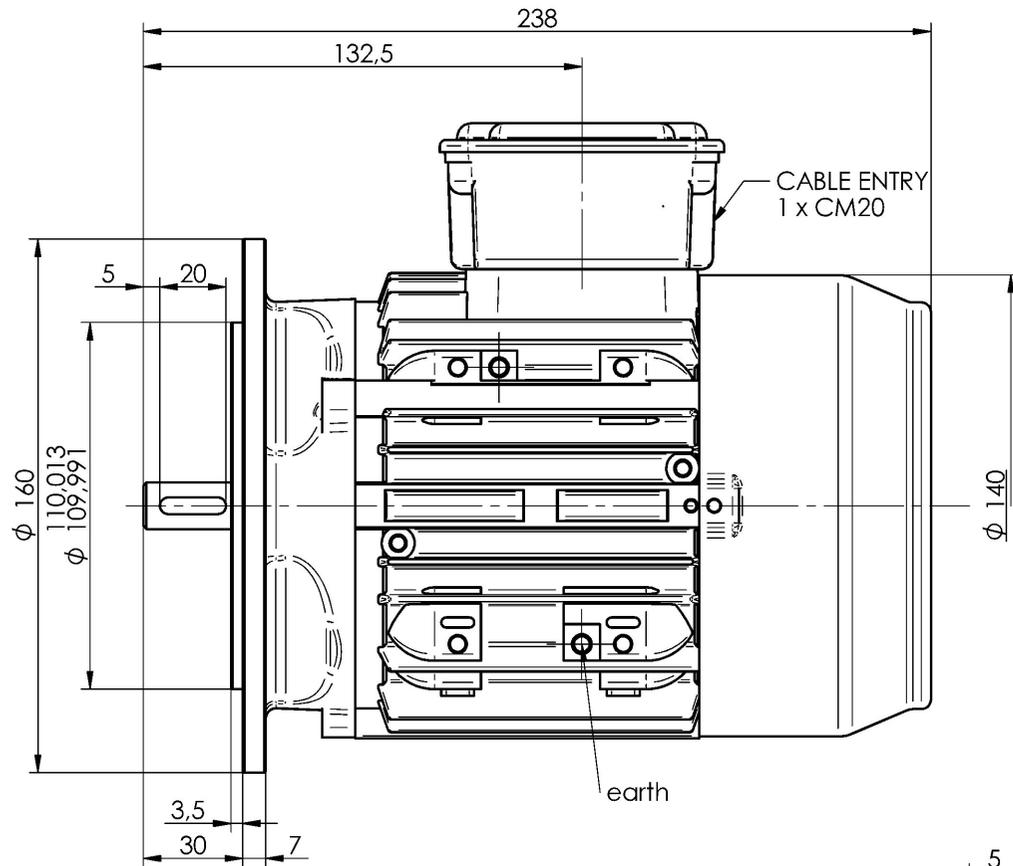
発行日 : 2019.05.13
 Rev.1 : 2020.04.01
 Rev.2 : 2022.10.06
 Rev.3 : 2023.10.16

規格要目	指定揚液 (温度[°C]、比重、粘度)	吐出量 (L/min)	全揚程 (m)	回転速度 (min-1)	原動機出力 (kW)	NPSHv/Req (m)
	常温/1/1 [mPa·s]	30	24	3520	0.550	-/-

計測項目		1	2	3	4	5	6	7	8
回転速度 (min-1)		3523	3505	3496	3478	3460			
水温 (°C)		24.7	24.7	24.7	24.7	24.7			
吐出量	測定器の読み (L/min)	0.0	15.0	30.0	45.0	60.0			
	吐出量 (L/min)	0.0	15.0	30.0	45.0	60.0			
揚程	吐出しヘッド (m)	27.8	26.7	25.5	23.5	20.7			
	吸込ヘッド (m)	0.38	0.36	0.30	0.17	0.02			
	測点高差 (m)	0.00	0.00	0.00	0.00	0.00			
	速度ヘッド (m)	0.000	0.000	0.000	0.000	0.000			
	全揚程 (m)	27.4	26.3	25.2	23.3	20.7			
理論動力 (kW)		0.000	0.064	0.123	0.171	0.202			
周波数 (Hz)		60.0	60.0	60.0	60.0	60.0			
電動機	電圧 (V)	201.7	201.4	201.2	201.3	200.8			
	電流 (A)	1.610	1.780	1.970	2.140	2.320			
	入力 (kW)	0.396	0.473	0.548	0.618	0.690			
	効率 (%)	76.1	77.3	77.7	77.7	77.6			
	出力 (kW)	0.301	0.366	0.426	0.480	0.536			
軸動力 (kW) (比重=1)		0.301	0.366	0.426	0.480	0.536			
ポンプ効率 (%)		0.0	17.6	28.9	35.7	37.8			
回転換算	吐出量 (L/min)								
	全揚程 (m)								
	軸動力 (kW)								
粘度換算	吐出量 (L/min)								
	全揚程 (m)								
	軸動力 (kW)								
	ポンプ効率 (%)								
	マグネットポンプ効率 (%)								

電動機要目	
形式	WP-DA71SR-D-IE3
出力 (kW)	0.55
周波数 (Hz)	60
電圧 (V)	200
電流 (A)	2.5
極数 (P)	2
回転速度 (min-1)	3440
製造番号	-
製造業者名	BROOK
試験揚液	常温清水
吐出量測定方法	電磁流量計
室温 (°C)	25
連続運転時間 (min)	60
軸受温度	
軸継手側 (°C)	-
反対側 (°C)	-
インペラー径 (mm)	115.0
マグネット形式	R25x6N
キャンロス (kW)	0.050
備考	
試験者名	島田
製造業者名	三和ハイドロテック(株)





HOLE TAPPED
M5X12,5 DEEP
DIN 332D

SHAFT SECTION
1:2

TERMINAL BOX
CAN BE ARRANGED AT EITHER 9, 12 OR 3 O'CLOCK.
CAN BE ROTATED AT 90° INTERVALS
CONDUIT ENTRY POSITION SHOWN FOR ILLUSTRATION ONLY

ALL MOUNTING DIMENSIONS: ISO 2768-mK ACC TO EN 22768-1/2

ALL DIMENSIONS IN MILLIMETERS

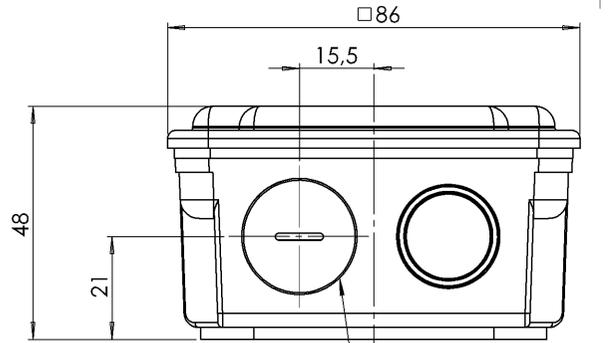


FIRST ANGLE
PROJECTION

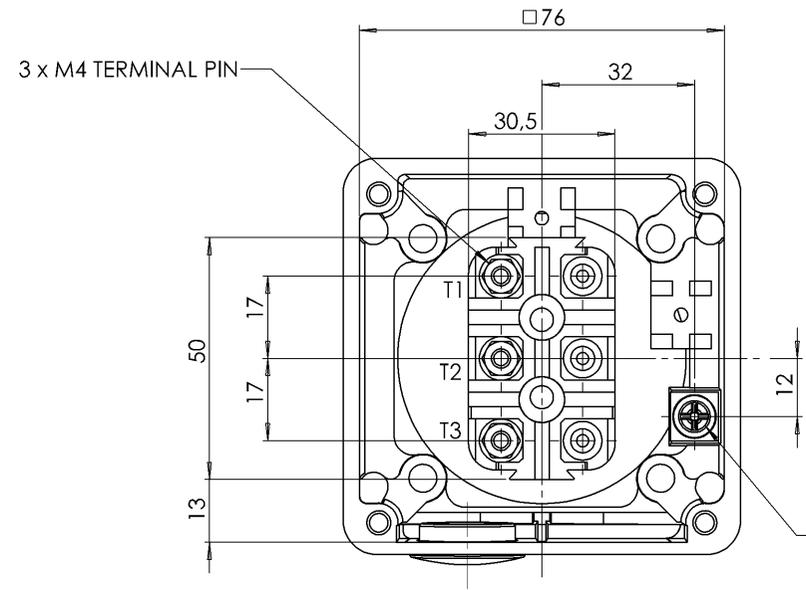
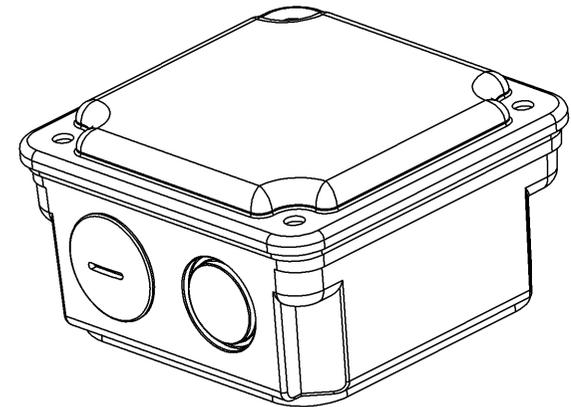


Produced by ATB Tamei S.A. a company of **ATB**

SHEET SIZE A3	TITLE: OUTLINE DIMENSIONS OF METRIC STANDARD 3-PHASE MOTOR TOTALLY-ENCLOSED FAN-COOLED W SERIES ALUMINIUM 71S FRAME D-FLANGE MOUNTED	NAME	DATE	DRG. No.	W18GD0005T			
		DRAWN	KZ	12-11-2019	DRG. REF.	-		
		CHECKED	PGO	12-11-2019	REVISION:	0	DATE	-
		SCALE	1: 15					



CABLE ENTRY
1 x CM20 (PLUGGED)



M5 INTERNAL
EARTH POSITION

VIEW WITHOUT LID

ALL DIMENSION IN MILLIMETERS

FIRST ANGLE
PROJECTION

**BROOK
CROMPTON**

Produced by **Tamel** a company of **ATD**

DRAWN	NAME	DATE	DRG. No.	TB071W000601T		
CHECKED	PGO	07.04.2022	DRG. REF.			
SCALE	KZ	07.04.2022	REVISION:	1	DATE	07.04.2022
	1:1					

SHEET SIZE TITLE
A3 TERMINAL BOX FOR 071W000601T MOTOR.

DRAWN	NAME	DATE	DRG. No.	TB071W000601T		
CHECKED	PGO	07.04.2022	DRG. REF.			
SCALE	KZ	07.04.2022	REVISION:	1	DATE	07.04.2022
	1:1					