

		No. 図番		A-24873-2																																	
予想性能曲線図 PUMP PERFORMANCE CURVES																																					
TYPE 名 称		汚物用水中ハイスピンポンプ		MODEL 型 式																																	
		80U411 -56		FREQUENCY 周波数																																	
				50 Hz																																	
CUSTOMER'S NAME 御注文先																																					
殿																																					
EQUIPMENT TITLE 機器名称																																					
No.																																					
		標 準 仕 様		STANDARD SPECIFICATIONS																																	
		御 注 文 仕 様		REQUIRED SPECIFICATIONS																																	
口 径		DISCHARGE BORE		80 mm																																	
全揚程		TOTAL HEAD		18 m																																	
吐出し量		CAPACITY		1.2 m³/min																																	
出 力		MOTOR OUTPUT		11 kW																																	
相×電圧		PHASE×VOLTAGE		3 φ × 200 V																																	
電 流		CURRENT		46.8 A																																	
極数：POLES		／回転速度：SPEED OF ROTATION		4 P / S.S.1500 min⁻¹																																	
始動方式		STARTING METHOD		スターデルタ始動																																	
耐熱クラス		INSULATION CLASS		F																																	
REMARKS:																																					
The graph plots three performance metrics against Capacity (m³/min) on the x-axis (0 to 2.4). The left y-axis has two scales: one for Head (m) from 0 to 24, and one for Efficiency (%) from 0 to 100. The right y-axis has a scale for Output (kW) from 0 to 20. The 'TOTAL HEAD' curve starts at 24m at 0 capacity and decreases to approximately 12m at 2.4 m³/min. The 'PUMP EFF.' curve starts at 0% at 0 capacity, peaks at approximately 45% efficiency at 1.6 m³/min, and then decreases. The 'OUTPUT' curve starts at 0 kW at 0 capacity and increases to approximately 10 kW at 2.4 m³/min. <table border="1"><thead><tr><th>Capacity (m³/min)</th><th>Total Head (m)</th><th>Pump Efficiency (%)</th><th>Output (kW)</th></tr></thead><tbody><tr><td>0.0</td><td>24</td><td>0</td><td>0</td></tr><tr><td>0.4</td><td>21</td><td>15</td><td>2</td></tr><tr><td>0.8</td><td>18</td><td>35</td><td>4</td></tr><tr><td>1.2</td><td>15</td><td>42</td><td>6</td></tr><tr><td>1.6</td><td>12</td><td>45</td><td>8</td></tr><tr><td>2.0</td><td>9</td><td>35</td><td>10</td></tr><tr><td>2.4</td><td>6</td><td>25</td><td>12</td></tr></tbody></table>						Capacity (m³/min)	Total Head (m)	Pump Efficiency (%)	Output (kW)	0.0	24	0	0	0.4	21	15	2	0.8	18	35	4	1.2	15	42	6	1.6	12	45	8	2.0	9	35	10	2.4	6	25	12
Capacity (m³/min)	Total Head (m)	Pump Efficiency (%)	Output (kW)																																		
0.0	24	0	0																																		
0.4	21	15	2																																		
0.8	18	35	4																																		
1.2	15	42	6																																		
1.6	12	45	8																																		
2.0	9	35	10																																		
2.4	6	25	12																																		
%		kW		m																																	
PUMP EFF.		MOTOR OUTPUT		TOTAL HEAD																																	
ポンプ効率		出力		全揚程																																	
		CAPACITY		吐出し量																																	
		0.4		0.8																																	
		1.2		1.6																																	
		2.0		2.4																																	
				m³/min																																	
株式会社 鶴見製作所 TSURUMI MFG. CO., LTD.																																					