

		NO. 図番		A-19863-1																					
性能曲線図 PUMP PERFORMANCE CURVES																									
TYPE 名 称		循環ポンプ		MODEL 型 式																					
		40TPHZ-4023B		FREQUENCY 周波数																					
		60		Hz																					
CUSTOMER'S NAME 御注文先																									
EQUIPMENT TITLE 機器名称																									
NO.																									
		標 準 仕 様		STANDARD SPECIFICATIONS																					
口 径 : DISCHARGE BORE		40		mm																					
全揚程 : TOTAL HEAD		-		m																					
吐出し量 : CAPACITY		-		m ³ /min																					
出 力 : MOTOR OUTPUT		0.4		kW																					
相×電圧 : PHASE×VOLTAGE		3 φ×200		V																					
電 流 : CURRENT		2.6		A																					
極数: POLES / 回転数: REVOLUTION		2 P / S. S. 3600		min ⁻¹																					
始動方式 : STARTING METHOD		じか入始動																							
絶縁階級 : INSULATION CLASS		F																							
REMARKS:																									
The graph plots three performance metrics against Capacity (m³/min) on the x-axis. The left y-axis has two scales: one for efficiency (%) from 10 to 100, and one for head/output from 0 to 24. The right y-axis has a scale for capacity from 0 to 0.2 m³/min. The 'TOTAL HEAD' curve starts at approximately 15.5 m at 0 capacity and decreases to about 10 m at 0.25 m³/min. The 'PUMP EFF.' curve starts at about 15% efficiency and peaks at approximately 72% efficiency around 0.15 m³/min before declining. The 'OUTPUT' curve starts at about 0.2 kW at 0 capacity and rises to a plateau of about 0.4 kW at 0.2 m³/min. <table border="1"><thead><tr><th>CAPACITY (m³/min)</th><th>TOTAL HEAD (m)</th><th>PUMP EFF. (%)</th><th>OUTPUT (kW)</th></tr></thead><tbody><tr><td>0.0</td><td>15.5</td><td>15</td><td>0.2</td></tr><tr><td>0.1</td><td>13.5</td><td>65</td><td>0.35</td></tr><tr><td>0.2</td><td>10.5</td><td>55</td><td>0.4</td></tr><tr><td>0.25</td><td>10.0</td><td>45</td><td>0.4</td></tr></tbody></table>						CAPACITY (m³/min)	TOTAL HEAD (m)	PUMP EFF. (%)	OUTPUT (kW)	0.0	15.5	15	0.2	0.1	13.5	65	0.35	0.2	10.5	55	0.4	0.25	10.0	45	0.4
CAPACITY (m³/min)	TOTAL HEAD (m)	PUMP EFF. (%)	OUTPUT (kW)																						
0.0	15.5	15	0.2																						
0.1	13.5	65	0.35																						
0.2	10.5	55	0.4																						
0.25	10.0	45	0.4																						
PUMP EFF. ポンプ効率		TOTAL HEAD 全揚程		OUTPUT 吐出し量																					
%		kW		m																					
PUMP EFF.		MOTOR OUTPUT		TOTAL HEAD																					
ポンプ効率		出力		全揚程																					
CAPACITY 吐出し量																									
m³/min																									
0.1 0.2																									
10 20 30 40 50 60 70 80 90 100																									
24 20 16 12 8 4																									
0.6 0.4 0.2																									
0.1 0.2																									
m³/min																									
TSURUMI MFG. CO., LTD.																									
鶴見製作所																									