

		No. 図番		A-29339-1																													
予想性能曲線図 PUMP PERFORMANCE CURVES																																	
TYPE 名 称		水中サンドポンプ		MODEL 型 式																													
		NKZ45.5 -51		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		100 mm																													
全揚程		TOTAL HEAD		15 m																													
吐出し量		CAPACITY		1.0 m³/min																													
出 力		MOTOR OUTPUT		5.5 kW																													
相×電圧		PHASE×VOLTAGE		3 φ × 200 V																													
電 流		CURRENT		23.5 A																													
極数: POLES		回 転 速 度: SPEED OF ROTATION		4 P / S.S.1500 min⁻¹																													
始動方式		STARTING METHOD		じか入始動																													
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 10 to 24, and one for Efficiency (%) from 10 to 100. The 'TOTAL HEAD' curve starts at approximately 19.5 m at 0 m³/min and decreases to about 10 m at 2.0 m³/min. The 'PUMP EFF.' curve starts at 0% at 0 m³/min, peaks at about 50% efficiency at 1.2 m³/min, and then declines. The 'OUTPUT' curve starts at about 3.5 kW at 0 m³/min and rises to a peak of about 5.5 kW at 1.2 m³/min before slightly decreasing. <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>19.5</td><td>0</td><td>3.5</td></tr><tr><td>0.4</td><td>18.5</td><td>25</td><td>4.0</td></tr><tr><td>0.8</td><td>16.5</td><td>45</td><td>4.5</td></tr><tr><td>1.2</td><td>13.5</td><td>50</td><td>5.5</td></tr><tr><td>1.6</td><td>10.5</td><td>45</td><td>5.5</td></tr><tr><td>2.0</td><td>10.0</td><td>35</td><td>5.0</td></tr></tbody></table>						CAPACITY (m³/min)	TOTAL HEAD (m)	PUMP EFF. (%)	OUTPUT (kW)	0.0	19.5	0	3.5	0.4	18.5	25	4.0	0.8	16.5	45	4.5	1.2	13.5	50	5.5	1.6	10.5	45	5.5	2.0	10.0	35	5.0
CAPACITY (m³/min)	TOTAL HEAD (m)	PUMP EFF. (%)	OUTPUT (kW)																														
0.0	19.5	0	3.5																														
0.4	18.5	25	4.0																														
0.8	16.5	45	4.5																														
1.2	13.5	50	5.5																														
1.6	10.5	45	5.5																														
2.0	10.0	35	5.0																														
%		kW		m																													
PUMP EFF.		MOTOR OUTPUT		TOTAL HEAD																													
ポンプ効率		出力		全揚程																													
		CAPACITY		吐出し量																													
株式会社 鶴見製作所				TSURUMI MFG. CO., LTD.																													