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| **Details for Diaphragm Pump Selection ( Liquids )** | **( Unit )** | **Specifications** |
| **Application Requirements** | | |
| Media / Chemical Name of fluid along with concentration |  | Preventive oil |
| Pls specify if media is electro-conductive / not | Yes / No | No |
| Liquid Specific Gravity | ( kg / lit ) | 0.7 to 0.8 |
| Liquid Viscosity | ( cP / cSt ) | 0.9 CST |
| Suction Pressure ( in case +ve suction ) | ( mts ) | NA |
| Drum Height ( In case of –ve suction ) | ( mts ) | 1 mtr |
| Discharge flow required | ( m3/hr or kg/hr) | 2 lpm |
| Discharge head required | ( mts ) | 2 bar |
| Liquid temperature  : operating / max | ( oC ) | 20-30 |
| Solid Content by % or by weight | ( % ) | 10-20 |
| Suspended solid size ( if any ) | mm | 100MICRON |
| Usage - Hrs / Day ( or continuous ) | ( Hrs ) | 8 hours per day |
|  | | |
| Suction / Discharge pipe diameter & MOC details |  | SS316 |
| Hazardous atmosphere / surrounding conditions | Yes / No | Hazardous |
| Available air pressure | ( Bar G) | 6-8 Bar |
| Quality of compressed air | Clean /Not Clean | Clean |
| Special Need like jacketing, etc |  | N/A |