



Scope#: MIP020368-01
Customer: Hayes Pump Mid-Atlantic Operations
Project: AS81445 Replacement
Contact: Mark Heckmann

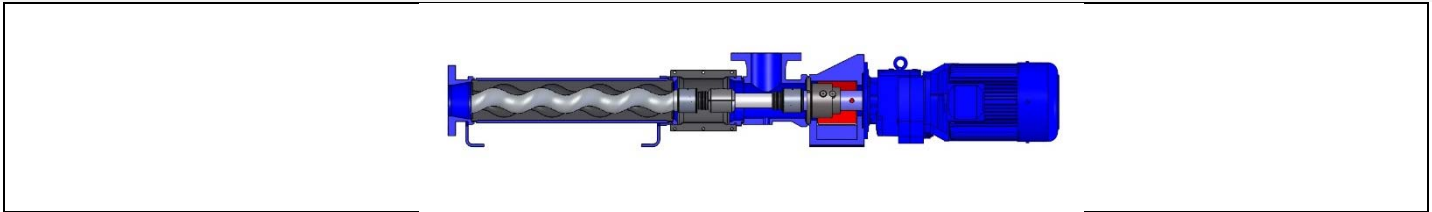
Dylon De Atley
 Application Engineer
 5870 Poe Avenue
 Dayton, OH 45414
Phone: 346-223-3487

Email: Dylon.DeAtley@nov.com
Date: 12/20/2016

Section: Paragraph: Item(s):

Pump and Application Details

Moyno® Z38KS81RMB/E Pump



Pump Materials

Castings	C - Cast Iron	Shaft Seal	Single Mechanical Seal
Internals	1 - Code 1	Suction	6.00IN 125LB ANSI Flat Faced Flange
Stator	R - Nitrile Rubber (NBR)	Discharge	6.00IN 125LB ANSI Flat Faced Flange
Rotor	Standard Size Mark 1	Speed	264 RPM

Conditions of Service

Material Description	Watery Slurry				
Viscosity	300 CP (ASSUMED)	Capacity	50CMH	Vap Press	N/A
Sp Gravity	N/A	Suct Pressure	0 PSI	NPSH Avail	N/A
Temp	30 C	Disch Pressure	3 BAR	NPSH Req'd	11.83 FT
Abrasives	None	Diff Pressure	43.5 PSI	pH	7
Solids %	N/A	Hrs/Day	N/A	Duty Cycle	N/A
Solids Size	N/A				

Mechanical Seal Information

Single Mechanical Seal		
Type:	MOYNO STANDARD	
Shaft Size:	65mm	
Rotary Face:	Silicon Carbide	
Stationary Face:	Silicon Carbide	
Elastomer:	Fluoroelastomer	
Gland:	316 Stainless Steel	
Standard Moyno Seal PN:M065139G;		