



eDart Slurry Valve Company (Pty) Ltd
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 Roads
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eDart Application Specification Sheet
Slurry valve

Company
 Contact
 Date

Process Flotation
 Mineral
 Site
 Application Rougher
 Other

		Units	Minimum.	Design	Maximum
Process data	Flow	m3/hr			
	Line pressure	kPa (g)			
	Temperature	deg C			
	pH				
	Percent solids	% w/w			
	pressure dop	kPa (g)			
	Step height	m			
and/or other other					
Pipe line	Inlet pipe dia.	NB			
	Outlet pipe dia.	NB			
	Pipe line material	mild steel			
	Pipe Schedule				
	Pipe line internal lining		6 mm Natural Rubber		
	Flange drilling specification		SANBS 1123 T1000/3		
	Other Other				
Valve	Type		Single eDart		
	Modulating or On/OFF		modulating		
Option					
Option					
Actuator type	Linear Pneumatic piston		eDart		
Option					
Option					
Actuator Fail action	Fail closed/ Fail Open/Fail fixed/ No Fail		No Fail		
Inst. Air supply pressure	450 - 1000	kPa (g)	450-1000		
Positioner	Type Double/Single action		DA		
Positioner	Make	Power Genex	Power Genex		
Positioner	Model	SS2R	SS2R		
Positioner	Signal	4-20 mA	4-20 mA		
Option	Feedback	4-20 mA	No		
Option	Hart protocol		No		
Option	Integral limit switches		No		
Option					
Solenoid	For On/Off applications				
	Make		eDart Standard		
	Type		3/2 way c.w 1/4" ports		
Voltage	220 AC / 110 AC / 24 VDC		24 VDC		
Option					
Option					
Supporting documentation	Site Layout drawings/scetches				
	PFD				
	P&ID				
	eDart GA drawing photos				
	Valve sizing calculations				