
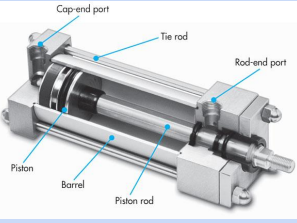
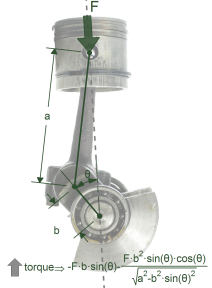
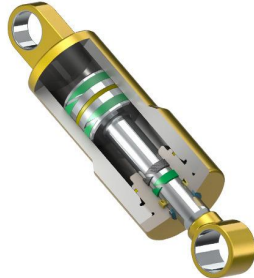
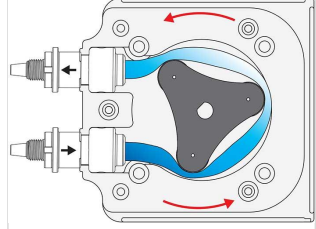

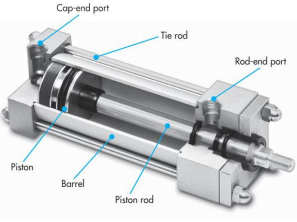
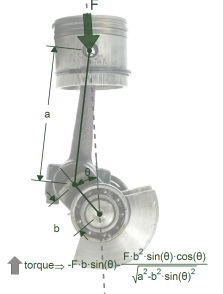
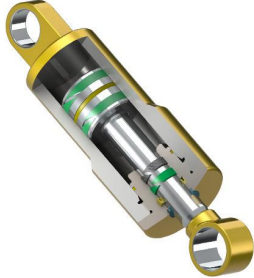
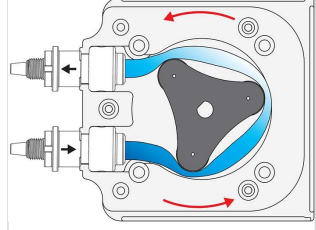

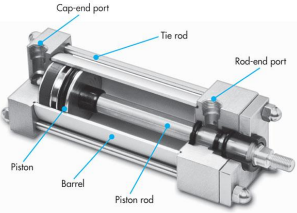
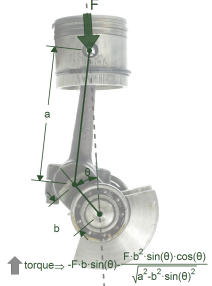
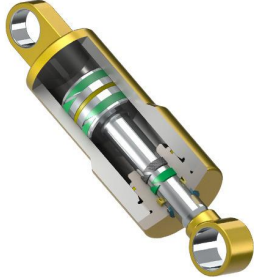
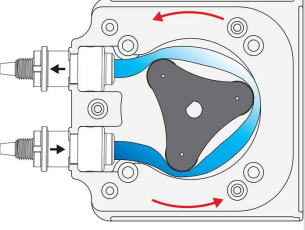

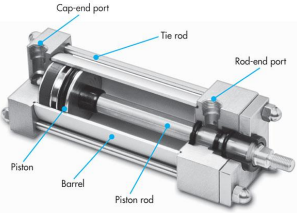
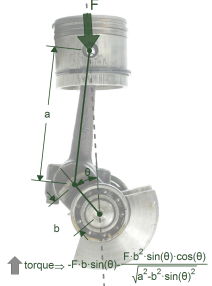
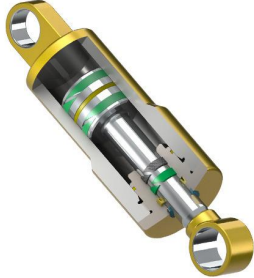
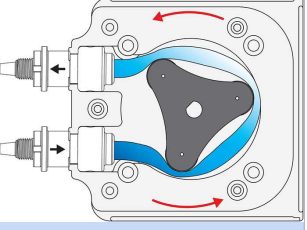


Team: P20652 concRIT		Legend			
Document Version: 2		+ : Better than Datum			
Author: Alex Kelly		S : Comparable to Datum			
Date: 10/5/2019		- : Worse than Datum			
		N/A : Not Applicable to Criteria			
Concept Title	Auger	Pneumatic Piston	Mechanical Piston	Hydraulic Piston	Pump (Pressure)
Photos					
Criteria	Score	Score	Score	Score	Score
Easy to Integrate		-	-	-	-
Reparability		-	-	-	-
Manufacturability		-	-	-	-
Budget		-	-	-	-
Lightweight Components		-	-	-	S
Flexibility		N/A	N/A	N/A	N/A
Rapid R&D		-	-	-	-
Durability		-	-	-	-
Prevalance		-	-	-	S
Safe		N/A	N/A	N/A	N/A
Easy to Program		N/A	N/A	N/A	N/A
User Accessibility		N/A	N/A	N/A	N/A
Simplicity		-	-	-	-
Sum +		0	0	0	0
Sum S		0	0	0	2
Sum -		9	9	9	7
Net Score		-9	-9	-9	-7

Team: P20652 concRIT		Legend			
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Author: Alex Kelly		S : Comparable to Datum			
Date: 10/5/2019		- : Worse than Datum			
		N/A : Not Applicable to Criteria			
Concept Title	Auger	Pneumatic Piston	Mechanical Piston	Hydraulic Piston	Pump (Pressure)
Photos					
Criteria	Score	Score	Score	Score	Score
Easy to Integrate	+		+	S	+
Reparability	+		+	-	+
Manufacturability	+		+	-	+
Budget	+		+	S	+
Lightweight Components	+		+	S	+
Flexibility	N/A		N/A	N/A	N/A
Rapid R&D	+		+	S	+
Durability	+		S	S	+
Prevalance	+		S	S	+
Safe	N/A		N/A	N/A	N/A
Easy to Program	N/A		N/A	N/A	N/A
User Accessibility	N/A		N/A	N/A	N/A
Simplicity	+		+	S	+
Sum +	9	0	7	0	9
Sum S	0	0	2	7	0
Sum -	0	0	0	2	0
Net Score	9	0	7	-2	9

Team: P20652 concRIT		Legend			
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Author: Alex Kelly		S : Comparable to Datum			
Date: 10/5/2019		- : Worse than Datum			
		N/A : Not Applicable to Criteria			
Concept Title	Auger	Pneumatic Piston	Mechanical Piston	Hydraulic Piston	Pump (Pressure)
Photos					
Criteria	Score	Score	Score	Score	Score
Easy to Integrate	+	-		-	+
Reparability	+	-		-	+
Manufacturability	+	-		-	+
Budget	+	-		-	+
Lightweight Components	+	-		-	+
Flexibility	N/A	N/A		N/A	N/A
Rapid R&D	+	-		-	+
Durability	+	S		S	+
Prevalance	+	S		S	+
Safe	N/A	N/A		N/A	N/A
Easy to Program	N/A	N/A		N/A	N/A
User Accessibility	N/A	N/A		N/A	N/A
Simplicity	+	-		-	+
Sum +	9	0		0	9
Sum S	0	2		2	0
Sum -	0	7		7	0
Net Score	9	-7		-7	9

Team: P20652 concRIT		Legend			
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Concept Title	Auger	Pneumatic Piston	Mechanical Piston	Hydraulic Piston	Pump (Pressure)
Photos					
Criteria	Score	Score	Score	Score	Score
Easy to Integrate	+	S	+		+
Reparability	+	-	+		+
Manufacturability	+	-	+		+
Budget	+	S	+		+
Lightweight Components	+	S	+		+
Flexibility	N/A	N/A	N/A		N/A
Rapid R&D	+	S	+		+
Durability	+	S	S		+
Prevalance	+	S	S		+
Safe	N/A	N/A	N/A		N/A
Easy to Program	N/A	N/A	N/A		N/A
User Accessibility	N/A	N/A	N/A		N/A
Simplicity	+	S	+		+
Sum +	9	0	7		9
Sum S	0	7	2		0
Sum -	0	2	0		0
Net Score	9	-2	7		9

Team: P20652 concRIT		Legend			
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Concept Title	Auger	Pneumatic Piston	Mechanical Piston	Hydraulic Piston	Pump (Pressure)
Photos					
Criteria	Score	Score	Score	Score	Score
Easy to Integrate	+	-	-	-	
Reparability	+	-	-	-	
Manufacturability	+	-	-	-	
Budget	+	-	-	-	
Lightweight Components	S	-	-	-	
Flexibility	N/A	N/A	N/A	N/A	
Rapid R&D	+	-	-	-	
Durability	+	-	-	-	
Prevalance	S	-	-	-	
Safe	N/A	N/A	N/A	N/A	
Easy to Program	N/A	N/A	N/A	N/A	
User Accessibility	N/A	N/A	N/A	N/A	
Simplicity	+	-	-	-	
Sum +	7	0	0	0	
Sum S	2	0	0	0	
Sum -	0	9	9	9	
Net Score	7	-9	-9	-9	