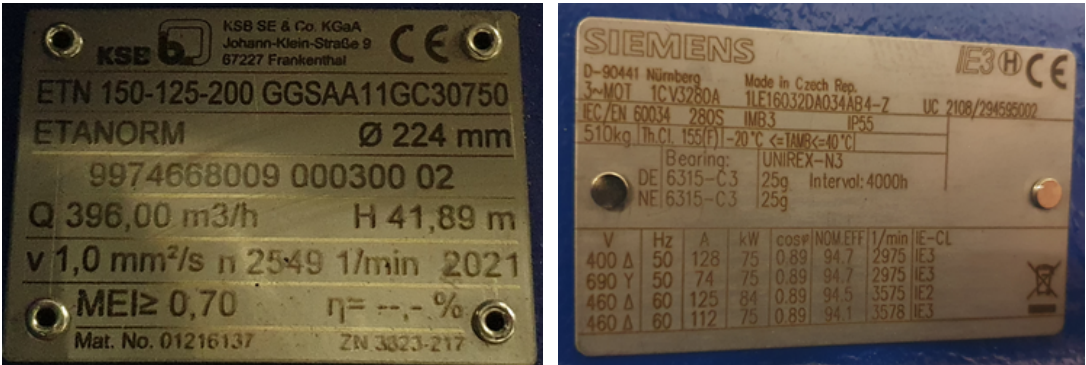
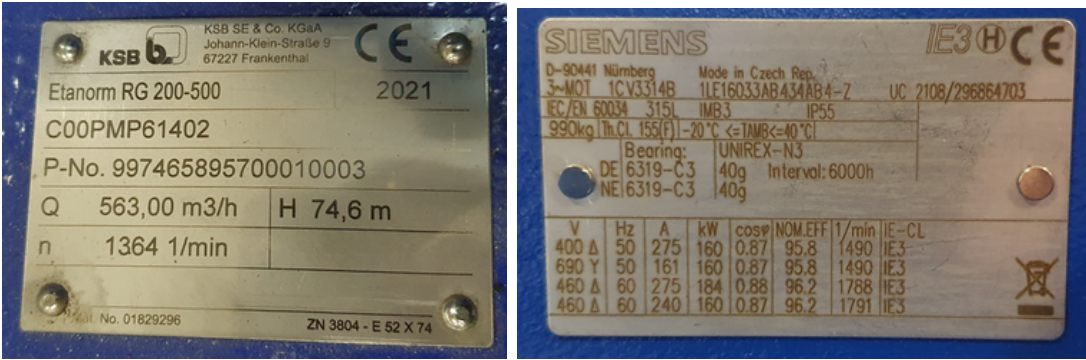


3X KSB PUMPS



3X KSB PUMPS



FLOWROX

LPP-D

Flowrox LPP-D peristaltic pumps are ideal for dosing and flow control. They provide accurate dosing in all process conditions as the pump discharge flow does not depend on the pipeline pressure. There is no variation due to the discharge pressure condition, output remains the same on every cycle.



FLOWROX

LPP-T

Flowrox LPP-T transfer pumps incorporate advanced single roller design which eliminates friction and lowers energy consumption. They are ideal for pumping various slurries and dosing a wide range of abrasive, corrosive, viscous or crystallizing media.



PUMP MODELLPP-D20GM7.5-R $\frac{3}{4}$ "-3-N-D, EPDM**PROCESS DATA**

Medium/application	Aluminium Nitrate (as 60 wt % aluminium monohydrate)		Density of fluid	
Medium temperature	20	°C	S.G of solids	
Max allowed ambient temp	50	°C	Solid content %w	
Viscosity	7	cP	Slurry density	1320 kg/m3
Ph			Max particle size	

PUMP DESIGN DATA

Max operating pressure	5	barg	Max hose pressure	7.5	bar
Max flowrate	0.64	m3/h at 50 Hz			
Design flowrate	0.59	m3/h at 47 Hz			
Min flowrate	0.25	m3/h			(if inverter used, but no extra cooling fan 20Hz)
Flow / revolution	0.18	L/rev			
Hose material	EPDM				
Pressure at pump inlet					
Body material	Casted Aluminum, Epoxy Paint RAL3002 RED, Teknos K18b				
Flange drilling standard (connection flange)	R $\frac{3}{4}$ "				

DRIVE DATA

Manufacturer	SEW		Gear Ratio i	23.25
Type	FF27		Service factor fb	1.45
Output rot. speed	59	rpm		
Mounting position	M1			

MOTOR DATA

Protection class	IP65		ABB M3BP 80MLD 4
Supply voltage	400 V		3-phase
Supply frequency	50 Hz		
Power	0.55	kW	

AUXILIARIES

Pressure transmitter T	<input type="checkbox"/>
Revolution detector R	<input type="checkbox"/>
Hose leak detector D	<input checked="" type="checkbox"/>
Special feature description	

INVERTER

3 meter wire	<input type="checkbox"/>
connected frequency	<input type="checkbox"/>
inverter II	<input type="checkbox"/>
Forced cooling F	

PUMP MODEL

LPP-T40GM10-2-0-N-D, EPDM

PROCESS DATA

Medium/application	Slurry (62wt% mixed metals nitrates) & Denim Water		Density of fluid	
Medium temperature	80	°C	S.G of solids	
Max allowed ambient temp	50	°C	Solid content %w	
Viscosity	8.4	cP	Slurry density	1620 kg/m3
Ph			Max particle size	

PUMP DESIGN DATA

Max operating pressure	4	barg	Max hose pressure	10	bar
Max flowrate	8.25	m3/h at 50 Hz			
Design flowrate	7.49	m3/h at 46 Hz			
Min flowrate	3.30	m3/h			(if inverter used, but no extra cooling fan 20Hz)
Flow / revolution	1.25	L/rev			
Hose material	EPDM				
Pressure at pump inlet					
Body material	Red, RAL3002EN 12944-5 A3.08/C3/M epoxy paint or powder coating				
Flange drilling standard (connection flange)	DIN PN 16				

DRIVE DATA

Manufacturer	SEW		Gear Ratio i	13.25
Type	KF57		Service factor fb	1.95
Output rot. speed	110	rpm		
Mounting position	M1B			

MOTOR DATA

Protection class	IP55		ABB M3BP 100LKB 4
Supply voltage	400 V		3-phase
Supply frequency	50 Hz		
Power	3	kW	

AUXILIARIES

Pressure transmitter T	<input type="checkbox"/>
Revolution detector R	<input type="checkbox"/>
Hose leak detector D	<input checked="" type="checkbox"/>
Special feature description	

INVERTER

3 meter wire connected	<input type="checkbox"/>
frequency inverter II	<input type="checkbox"/>
Forced cooling F	<input type="checkbox"/>

PUMP MODEL

LPP-T32GM10-3-0-N-D, EPDM

PROCESS DATA

Medium/application	Cobalt Nitrate (as 64 wt% cobalt hexahydrate)	Density of fluid	
Medium temperature	20 °C	S.G of solids	
Max allowed ambient temp	50 °C	Solid content %w	
Viscosity	4 cP	Slurry density	1420 kg/m3
Ph		Max particle size	

PUMP DESIGN DATA

Max operating pressure	5 barg	Max hose pressure	10 bar
Max flowrate	2.56 m3/h at 50 Hz		
Design flowrate	2.51 m3/h at 50 Hz		
Min flowrate	1.02 m3/h	(if inverter used, but no extra cooling fan 20Hz)	
Flow / revolution	0.87 L/rev		
Hose material	EPDM		
Pressure at pump inlet			
Body material	Red, RAL3002EN 12944-5 A3.08/C3/M epoxy paint or powder coating		
Flange drilling standard (connection flange)	DIN PN 16		

DRIVE DATA

Manufacturer	SEW	Gear Ratio i	29.32
Type	KF47	Service factor fb	1.35
Output rot. speed	49 rpm		
Mounting position	M1B		

MOTOR DATA

Protection class	IP55	ABB M3BP 90LD 4
Supply voltage	400 V	3-phase
Supply frequency	50 Hz	
Power	1.50 kW	

AUXILIARIES

Pressure transmitter T	<input type="checkbox"/>
Revolution detector R	<input type="checkbox"/>
Hose leak detector D	<input checked="" type="checkbox"/>
Special feature description	

INVERTER

3 meter wire connected	<input type="checkbox"/>
frequency inverter II	<input type="checkbox"/>
Forced cooling F	<input type="checkbox"/>

PUMP MODEL

LPP-D25GM7.5-R1"-3-N, EPDM

PROCESS DATA

Medium/application	Lithium Nitrate (30 wt%)	Density of fluid	
Medium temperature	20 °C	S.G of solids	
Max allowed ambient temp	50 °C	Solid content %w	
Viscosity	2 cP	Slurry density	1190 kg/m3
Ph		Max particle size	

PUMP DESIGN DATA

Max operating pressure	5 barg	Max hose pressure	7.5 bar
Max flowrate	1.33 m3/h at 50 Hz		
Design flowrate	1.27 m3/h at 48 Hz		
Min flowrate	0.53 m3/h	(if inverter used, but no extra cooling fan 20Hz)	
Flow / revolution	0.3 L/rev		
Hose material	EPDM		
Pressure at pump inlet			
Body material	Casted Aluminum, Epoxy Paint RAL3002 RED, Teknos K18b		
Flange drilling standard (connection flange)	R1"		

DRIVE DATA

Manufacturer	SEW	Gear Ratio i	19.27
Type	FAF37	Service factor fb	1.40
Output rot. speed	74 rpm		
Mounting position	M1		

MOTOR DATA

Protection class	IP55	ABB M3BP 90LC 4
Supply voltage	400 V	3-phase
Supply frequency	50 Hz	
Power	1.10 kW	

AUXILIARIES

Pressure transmitter T	<input type="checkbox"/>
Revolution detector R	<input type="checkbox"/>
Hose leak detector D	<input type="checkbox"/>
Special feature description	

INVERTER

3 meter wire connected	<input type="checkbox"/>
frequency inverter II	<input type="checkbox"/>
Forced cooling F	<input type="checkbox"/>

PUMP MODEL

LPP-T32GM10-3-0-N-D, EPDM

PROCESS DATA

Medium/application	Mixed Metal Nitrates	Density of fluid	
Medium temperature	15 °C	S.G of solids	
Max allowed ambient temp	50 °C	Solid content %w	
Viscosity	4 cP	Slurry density	1340 kg/m3
Ph		Max particle size	

PUMP DESIGN DATA

Max operating pressure	4 barg	Max hose pressure	10 bar
Max flowrate	2.4 m3/h at 50 Hz		
Design flowrate	2.18 m3/h at 46 Hz		
Min flowrate	0.96 m3/h	(if inverter used, but no extra cooling fan 20Hz)	
Flow / revolution	0.87 L/rev		
Hose material	EPDM		
Pressure at pump inlet			
Body material	Red, RAL3002EN 12944-5 A3.08/C3/M epoxy paint or powder coating		
Flange drilling standard (connection flange)	DIN PN 16		

DRIVE DATA

Manufacturer	SEW	Gear Ratio i	31.30
Type	KF47	Service factor fb	1.30
Output rot. speed	46 rpm		
Mounting position	M1B		

MOTOR DATA

Protection class	IP55	ABB M3BP 90LD 4
Supply voltage	400 V	3-phase
Supply frequency	50 Hz	
Power	1.50 kW	

AUXILIARIES

Pressure transmitter T ☐
Revolution detector R ☐
Hose leak detector D ☒

INVERTER

3 meter wire connected ☐
frequency inverter II ☐
Forced cooling F ☐