

Tag	ME-5101-P-1A/B/C	
Our Reference	9714129	
QTY	3 (2+1)	
Fluid	Caustic 5% WT	
Applicable Standard	API 675	
Type	Metering Pump with electrical drivers	
Rated Flow	1200 L/hr	
Discharge Pressure	43.4 barg @ B.L. (design 51.5 barg)	
Operating / Design Temperature	85 °C	
Stroke Adjustment	Local Manual	
Internal PSV	Yes, set at pump design pressure	
Suction Nozzle	1 ½", 600#	
Discharge Nozzle	1 ½ ", 600#	
Material:		
	Liquid End	SS316L
	Diaphragm	PTFE
	Valve	SS316L
	Valve Seat	SS316L
Applicable Test:		
Test	Performance	As per API 675
	Hydrostatic Test	1.5 x MAWP @ 30 min
Electric Motor:		
	Manufacturer	As per AVL
	Protection	IP 55W
	Rated Power	15 KW 400 V AC 3 Phase 50 Hz
	Insulation Class	F
Rise	Temperature	B
	Capacity Adjust	0-100%
Classification	Area	CLASS I, GROUP IIBT3, DIV 2

- Two calibration pots
- Two pulsation dampener

Tag	ME-5102-P-2	
Our Reference	9714129	
QTY	1	
Fluid	Sulfuric Acid	
Applicable Standard	API 675	
Type	Metering Pump with electrical drivers	
Rated Flow	72 L/hr	
Discharge Pressure	34 barg @ B.L. (Design: 47.5 barg)	
Operating / Design Temperature	85 °C	
Stroke Adjustment	Local Manual	
Internal PSV	Yes, set at pump design pressure	
Suction Nozzle	¾ ", 300#	
Discharge Nozzle	¾ ", 300#	
Material:		
	Liquid End	S.S316L
	Diaphragm	PTFE
	Valve	SS316L
	Valve Seat	SS316L
Applicable Test:		
Test	Performance	As per API 675
	Hydrostatic Test	1.5 x MAWP @ 30 min
Electric Motor:		
	Manufacturer	As per AVL
	Protection	IP 55W
	Rated Power	1.1 KW 400 V AC 3 Phase 50 Hz
	Insulation Class	F
Rise	Temperature	B
	Capacity Adjust	0-100%
Classification	Area	CLASS I, GROUP IIBT3, DIV 2

- One calibration pots
- One pulsation dampener

Tag	ME-5103-P-1AB	
QTY	2(1+1)	
Applicable Standard	API 675	
Type	Metering Pump with electrical drivers	
Rated Flow	40 L/hr	
Discharge Pressure	42.2 barg @ B.L. (51.5 barg design)	
Design Temperature	85 °C	
Stroke Adjustment	Local Manual	
Internal PSV	Yes, set at pump design pressure	
Suction Nozzle	¾ ", 600#	
Discharge Nozzle	¾ ", 600#	
Material:		
	Liquid End	SS316L
	Diaphragm	PTFE
	Valve	SS316L
	Valve Seat	SS316L
Applicable Test:		
Test	Performance	As per API 675
	Hydrostatic Test	1.5 x MAWP @ 30 min
Electric Motor:		
	Manufacturer	As per AVL
	Protection	IP 55W
	Rated Power	0.75 KW 400 V AC 3 Phase 50 Hz
	Insulation Class	F
Rise	Temperature	B
	Capacity Adjust	0-100%
Classification	Area	CLASS I, GROUP IIBT3, DIV 2

- Two calibration pots
- Two pulsation dampener

Tag	ME-5104-P-1AB	
Our Reference	9714129	
QTY	2(1+1)	
Applicable Standard	API 675	
Type	Metering Pump with electrical drivers	
Rated Flow	92.2 L/hr	
Discharge Pressure	5.6 barg @ B.L. (7.6 barg design)	
Operating / Design Temperature	85 °C	
Stroke Adjustment	Local Manual	
Internal PSV	Yes, set at pump design pressure	
Suction Nozzle	¾ ", 300#	
Discharge Nozzle	¾ ", 300#	
Material:		
	Liquid End	S.S316L
	Diaphragm	PTFE
	Valve	SS316L
	Valve Seat	SS316L
Applicable Test:		
Test	Performance	As per API 675
	Hydrostatic Test	1.5 x MAWP @ 30 min
Electric Motor:		
	Manufacturer	As per AVL
	Protection	IP 55W
	Rated Power	0.75 KW 400 V AC 3 Phase 50 Hz
	Insulation Class	F
Rise	Temperature	B
	Capacity Adjust	0-100%
Classification	Area	CLASS I, GROUP IIBT3, DIV 2

- Two calibration pots
- Two pulsation dampener

Tag	P-5508A	
QTY	1	
Applicable Standard	API 675	
Type	Metering Pump with electrical drivers	
Our Reference	9714129	
Rated Flow	0.98 L/hr	
Discharge Pressure	34 barg @ B.L.	
Operating / Design Temperature	85 °C	
Stroke Adjustment	Local Manual	
Internal PSV	Yes, set at 110% of Discharge pressure as per API 675	
Suction Nozzle	½ ", 300#	
Discharge Nozzle	½ ", 300#	
Material:		
	Liquid End	SS316L
	Diaphragm	SS316L
	Valve	SS316L
	Valve Seat	SS316L
Applicable Test:		
Test	Performance	As per API 675
	Hydrostatic Test	1.5 x MAWP @ 30 min
Electric Motor:		
	Manufacturer	As per AVL
	Protection	IP 55W
	Rated Power	0.37 KW 400 V AC 3 Phase 50 Hz
	Insulation Class	F
Rise	Temperature	B
	Capacity Adjust	0-100%
Classification	Area	CLASS I, GROUP IIBT3, DIV 2

- Two calibration pots
- Two pulsation dampener

Tag	P-5508 B	
QTY	1	
Applicable Standard	API 675	
Type	Metering Pump with electrical drivers	
Our Reference	9714129	
Rated Flow	2.14 L/hr	
Discharge Pressure	33.5 barg @ B.L.	
Operating / Design Temperature	85 °C	
Stroke Adjustment	Manual	
Internal PSV	Yes, set at 110% of Discharge pressure as per API 675	
Suction Nozzle	½ ", 300#	
Discharge Nozzle	½ ", 300#	
Material:		
	Liquid End	SS316L
	Diaphragm	SS316L
	Valve	SS316L
	Valve Seat	SS316L
Applicable Test:		
Test	Performance	As per API 675
	Hydrostatic Test	1.5 x MAWP @ 30 min
Electric Motor:		
	Manufacturer	As per AVL
	Protection	IP 55W
	Rated Power	0.37 KW 400 V AC 3 Phase 50 Hz
	Insulation Class	F
Rise	Temperature	B
	Capacity Adjust	0-100%
Classification	Area	CLASS I, GROUP IIBT3, DIV 2

- One calibration pots
- One pulsation dampener

Tag	P-5508 C	
QTY	1	
Applicable Standard	API 675	
Type	Metering Pump with electrical drivers	
Our Reference	9714129	
Rated Flow	0.56 L/hr	
Discharge Pressure	37.1 barg @ B.L.	
Operating / Design Temperature	85 °C	
Stroke Adjustment	Manual	
Internal PSV	Yes, set at 110% of Discharge pressure as per API 675	
Suction Nozzle	½ ", 300#	
Discharge Nozzle	½ ", 300#	
Material:		
	Liquid End	SS316L
	Diaphragm	SS316L
	Valve	SS316L
	Valve Seat	SS316L
Applicable Test:		
Test	Performance	As per API 675
	Hydrostatic Test	1.5 x MAWP @ 30 min
Electric Motor:		
	Manufacturer	As per AVL
	Protection	IP 55W
	Rated Power	0.37 KW 400 V AC 3 Phase 50 Hz
	Insulation Class	F
Rise	Temperature	B
	Capacity Adjust	0-100%
Classification	Area	CLASS I, GROUP IIBT3, DIV 2

- One calibration pots
- One pulsation dampener

Tag	P-5508 D	
QTY	1	
Applicable Standard	API 675	
Type	Metering Pump with electrical drivers	
Our Reference	9714129	
Rated Flow	2.14 L/hr	
Discharge Pressure	37.1 barg @ B.L.	
Operating / Design Temperature	85 °C	
Stroke Adjustment	Manual	
Internal PSV	Yes, set at 110% of Discharge pressure as per API 675	
Suction Nozzle	½ ", 300#	
Discharge Nozzle	½ ", 300#	
Material:		
	Liquid End	SS316L
	Diaphragm	SS316L
	Valve	SS316L
	Valve Seat	SS316L
Applicable Test:		
Test	Performance	As per API 675
	Hydrostatic Test	1.5 x MAWP @ 30 min
Electric Motor:		
	Manufacturer	As per AVL
	Protection	IP 55W
	Rated Power	0.37 KW 400 V AC 3 Phase 50 Hz
	Insulation Class	F
Rise	Temperature	B
	Capacity Adjust	0-100%
Classification	Area	CLASS I, GROUP IIBT3, DIV 2

- One calibration pots
- One pulsation dampener

Tag	ME-7502-P-1	
QTY.	1	
Applicable Standard	API 675	
Type	Metering Pump with electrical drivers	
Our Reference	9714129	
Rated Flow	1000 L/hr	
Discharge Pressure	11 barg @ B.L	
Design Temperature	85 C	
Stroke Adjustment	Local Manual	
Internal PSV	Yes, set at 110% of Discharge pressure as per API 675	
Suction Nozzle	1 ½ ", 600#	
Discharge Nozzle	1 ½ ", 600#	
Material:		
	Liquid End	SS 316L
	Diaphragm	PTFE
	Valve	SS316L
	Valve Seat	SS316L
Applicable Test:		
Test	Performance	As per API 675
	Hydrostatic Test	1.5 x MAWP @ 30 min
Electric Motor:		
	Manufacturer	As per AVL
	Protection	IP 55W
	Rated Power	15 KW 400 V AC 3 Phase 50 Hz
	Insulation Class	F
Rise	Temperature	B
	Capacity Adjust	0-100%
Classification	Area	CLASS I, GROUP IIBT3, DIV 2

- One calibration pots
- One pulsation dampener

Tag	ME-7503-P-1 AB	
QTY.	2 (1+1)	
Applicable Standard	API 675	
Type	Metering Pump with electrical drivers	
Our Reference	9714129	
Rated Flow	350 L/hr	
Discharge Pressure	13 barg @ B.L	
Design Temperature	85 C	
Stroke Adjustment	Local Manual	
Internal PSV	Yes, set at 110% of Discharge pressure as per API 675	
Suction Nozzle	1 ", 300#	
Discharge Nozzle	1 ", 300#	
Material:		
	Liquid End	SS 316L
	Diaphragm	PTFE
	Valve	SS316L
	Valve Seat	SS316L
Applicable Test:		
Test	Performance	As per API 675
	Hydrostatic Test	1.5 x MAWP @ 30 min
Electric Motor:		
	Manufacturer	As per AVL
	Protection	IP 55W
	Rated Power	3 KW 400 V AC 3 Phase 50 Hz
	Insulation Class	F
Rise	Temperature	B
	Capacity Adjust	0-100%
Classification	Area	CLASS I, GROUP IIBT3, DIV 2

- Two calibration pots
- Two pulsation dampener

Tag	ME-4113-P-1 AB	
QTY.	2 (1+1)	
Applicable Standard	API 675	
Type	Metering Pump with electrical drivers	
Our Reference	9714129	
Rated Flow	21 L/hr (10 L/hr normal flow)	
Discharge Pressure	2 barg @ B.L	
Design Temperature	85 C	
Stroke Adjustment	Local Manual , 0-100%	
Internal PSV	Yes, set at 110% of Discharge pressure as per API 675	
Suction Nozzle	½ ", 300#	
Discharge Nozzle	½ ", 300#	
Material:		
	Liquid End	SS316L
	Diaphragm	SS316L
	Valve	SS316L
	Valve Seat	SS316L
Applicable Test:		
Test	Performance	As per API 675
	Hydrostatic Test	1.5 x MAWP @ 30 min
Electric Motor:		
	Manufacturer	As per AVL
	Protection	IP 55W
	Rated Power	0.37 KW 400 V AC 3 Phase 50 Hz
	Insulation Class	F
Rise	Temperature	B
	Capacity Adjust	0-100%
Classification	Area	CLASS I, GROUP IIBT3, DIV 2

- Two calibration pots
- Two pulsation dampener

Tag	ME-4114-P-1 AB	
QTY.	2 (1+1)	
Applicable Standard	API 675	
Type	Metering Pump with electrical drivers	
Manufacturer	As per AVL	
Rated Flow	21 L/hr (10 L/hr normal flow)	
Discharge Pressure	2 barg @ B.L	
Design Temperature	85 C	
Stroke Adjustment	Local Manual , 0-100%	
Internal PSV	Yes, set at 110% of Discharge pressure as per API 675	
Suction Nozzle	½ ", 300#	
Discharge Nozzle	½ ", 300#	
Material:		
	Liquid End	SS316L
	Diaphragm	SS316L
	Valve	SS316L
	Valve Seat	SS316L
Applicable Test:		
Test	Performance	As per API 675
	Hydrostatic Test	1.5 x MAWP @ 30 min
Electric Motor:		
	Manufacturer	As per AVL
	Protection	IP 55W
	Rated Power	0.37 KW 400 V AC 3 Phase 50 Hz
	Insulation Class	F
Rise	Temperature	B
	Capacity Adjust	0-100%
Classification	Area	CLASS I, GROUP IIBT3, DIV 2

- Two calibration pots
- Two pulsation dampener

Tag	ME-4607-P1 AB	
QTY.	2 (1+1)	
Applicable Standard	API 675	
Type	Metering Pump with electrical drivers	
Manufacturer	As per AVL	
Rated Flow	0-21 L/hr	
Discharge Pressure	3 barg @ B.L	
Design Temperature	85 C	
Stroke Adjustment	Local Manual	
Internal PSV	Yes, set at 110% of Discharge pressure as per API 675	
Suction Nozzle	½ ", 300#	
Discharge Nozzle	½ ", 300#	
Material:		
	Liquid End	SS316L
	Diaphragm	SS316L
	Valve	SS316L
	Valve Seat	SS316L
Applicable Test:		
Test	Performance	As per API 675
	Hydrostatic Test	1.5 x MAWP @ 30 min
Electric Motor:		
	Manufacturer	As per AVL
	Protection	IP 55W
	Rated Power	0.37 KW 400 V AC 3 Phase 50 Hz
	Insulation Class	F
Rise	Temperature	B
	Capacity Adjust	0-100%
Classification	Area	CLASS I, GROUP IIBT3, DIV 2

- Two calibration pots
- Two pulsation dampener

Tag	ME-4608-P1 AB	
QTY.	2 (1+1)	
Applicable Standard	API 675	
Type	Metering Pump with electrical drivers	
Manufacturer	As per AVL	
Rated Flow	0-21 L/hr	
Discharge Pressure	3 barg @ B.L	
Design Temperature	85 C	
Stroke Adjustment	Local Manual	
Internal PSV	Yes, set at 110% of Discharge pressure as per API 675	
Suction Nozzle	½ ", 300#	
Discharge Nozzle	½ ", 300#	
Material:		
	Liquid End	SS316L
	Diaphragm	SS316L
	Valve	SS316L
	Valve Seat	SS316L
Applicable Test:		
Test	Performance	As per API 675
	Hydrostatic Test	1.5 x MAWP @ 30 min
Electric Motor:		
	Manufacturer	As per AVL
	Protection	IP 55W
	Rated Power	0.37 KW 400 V AC 3 Phase 50 Hz
	Insulation Class	F
Rise	Temperature	B
	Capacity Adjust	0-100%
Classification	Area	CLASS I, GROUP IIBT3, DIV 2

- Two calibration pots
- Two pulsation dampener