□for information □for quatation
■for approval □for final

DATA SHEET FOR AIR FILTER

CUSTOMER		REV	DATA	PAR'D	CHK,D	APP'D
LOCATION		0	15'09.15	J.P.KIM	J.P.KIM	SU LEE
PROJECT NO.						
SERVICE						
SUPPLIER						
NO. REQ.D						

PROCESS DESIGN DATA

FILTER TYPE (MAIN FILTER)		SMF50A-370
FLUID		COMPRESSED AIR
FLOW RATE		29 Nm3/min
PRESSURE	DESIGN PRESSURE	9.9 kg/㎠
	OPERATING PRESSURE	7.0 kg/㎠
	HYDRAUIC PRESSURE	13.0 kg/㎠
TEMPERATURE	DESIGN TEMPERATURE	100 ℃
	INLET TEMPERATURE	40 ℃ (Max. 60 ℃)
PRESSURE DROP		Max. 0.2 kg/㎠

MECHANICAL DESIGN DATA

DESIGN CODE		KS B 6750
CORROSION ALLOWANCE		1.0 mm
RADIOGRAPH EXAMINATION		■ NO □ SPOT(20%) □ FULL
POST WELD HEAT TREATMENT		■ NO □ YES
MATERIAL for VESSEL	SHELL / HEAD	ALDC
	FLANGE	NONE
	NOZZLE NECK	NONE
	HEX. BOLT/N/W	SS400
	GASKET	NONE
ELEMENT	MODEL	SME-370
	FILTRATION	40 ㎛
	CHANGE PERIOD	1800 HOURS OPERATION & DIFF.PRESSURE 0.3 kg/㎠
	QUANTITY	1 EA

SPECIFICATION

PAINT COLOR	MAKER STD (N 8.0)
SUFFACE TREATMENT	SSPC-SP3
FILTER DIMENSION(W x H)	150 x 827 mm
WEIGHT	About 8 Kg
PACKAGE ARRANGE	□ ONE SKID BASE ■ LOOSE PART

FILTER HOUSING NOZZLE SCHEDLE

NOZZLE	SIZE	TYPE	RATING	CONN.	DESCRIPTION
N-1	50A	SOCKET	-	PT	AIR INLET
N-2	50A	SOCKET	-	PT	AIR OUTLET
N-3	15A	SOCKET	-	PT	AUTO DRAIN
N-4	-	-	-	-	-
N-5	-	-	-	-	-

ACCESSORIES

■ AUTO DRAIN
■ DRAIN VALVE
□ PRESSURE GAUGE
□ DIFF, PRESSURE INDICATOR
□ ELECTRIC TRAP
□ RAIN TRAP FOR BY-PASS LINE & BLOCK VALVE

REMARK.

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DATA SHEET FOR AIR FILTER

CUSTOMER		REV	DATA	PAR'D	CHK,D	APP'D
LOCATION		0	15'09.15	J.P.KIM	J.P.KIM	SU LEE
PROJECT NO.						
SERVICE						
SUPPLIER						
NO. REQ.D						

PROCESS DESIGN DATA

FILTER TYPE (MAIN FILTER)		SMF50A-320
FLUID		COMPRESSED AIR
FLOW RATE		25 Nm3/min
PRESSURE	DESIGN PRESSURE	9.9 kg/㎠
	OPERATING PRESSURE	7.0 kg/㎠
	HYDRAUIC PRESSURE	13.0 kg/㎠
TEMPERATURE	DESIGN TEMPERATURE	100 ℃
	INLET TEMPERATURE	40 ℃ (Max. 60 ℃)
PRESSURE DROP		Max. 0.2 kg/㎠

MECHANICAL DESIGN DATA

DESIGN CODE		KS B 6750
CORROSION ALLOWANCE		1.0 mm
RADIOGRAPH EXAMINATION		■ NO □ SPOT(20%) □ FULL
POST WELD HEAT TREATMENT		■ NO □ YES
MATERIAL for VESSEL	SHELL / HEAD	ALDC
	FLANGE	NONE
	NOZZLE NECK	NONE
	HEX. BOLT/N/W	SS400
	GASKET	NONE
ELEMENT	MODEL	SME-320
	FILTRATION	5 ㎛
	CHANGE PERIOD	1800 HOURS OPERATION & DIFF.PRESSURE 0.3 kg/㎠
	QUANTITY	1 EA

SPECIFICATION

PAINT COLOR	MAKER STD (N 8.0)
SUFFACE TREATMENT	SSPC-SP3
FILTER DIMENSION(W x H)	150 x 827 mm
WEIGHT	About 8 Kg
PACKAGE ARRANGE	□ ONE SKID BASE ■ LOOSE PART

FILTER HOUSING NOZZLE SCHEDLE

NOZZLE	SIZE	TYPE	RATING	CONN.	DESCRIPTION
N-1	50A	SOCKET	-	PT	AIR INLET
N-2	50A	SOCKET	-	PT	AIR OUTLET
N-3	15A	SOCKET	-	PT	AUTO DRAIN
N-4	-	-	-	-	-
N-5	-	-	-	-	-

ACCESSORIES

■ AUTO DRAIN
■ DRAIN VALVE
□ PRESSURE GAUGE
□ DIFF, PRESSURE INDICATOR
□ ELECTRIC TRAP
□ RAIN TRAP FOR BY-PASS LINE & BLOCK VALVE

REMARK.

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DATA SHEET FOR AIR FILTER

CUSTOMER		REV	DATA	PAR'D	CHK,D	APP'D
LOCATION		0	15'09.15	J.P.KIM	J.P.KIM	SU LEE
PROJECT NO.						
SERVICE						
SUPPLIER						
NO. REQ.D						

PROCESS DESIGN DATA

FILTER TYPE (MAIN FILTER)		SMF50A-310
FLUID		COMPRESSED AIR
FLOW RATE		22 Nm3/min
PRESSURE	DESIGN PRESSURE	9.9 kg/㎠
	OPERATING PRESSURE	7.0 kg/㎠
	HYDRAUIC PRESSURE	13.0 kg/㎠
TEMPERATURE	DESIGN TEMPERATURE	100 ℃
	INLET TEMPERATURE	40 ℃ (Max. 60 ℃)
PRESSURE DROP		Max. 0.2 kg/㎠

MECHANICAL DESIGN DATA

DESIGN CODE		KS B 6750
CORROSION ALLOWANCE		1.0 mm
RADIOGRAPH EXAMINATION		■ NO ☐ SPOT(20%) ☐ FULL
POST WELD HEAT TREATMENT		■ NO ☐ YES
MATERIAL for VESSEL	SHELL / HEAD	ALDC
	FLANGE	NONE
	NOZZLE NECK	NONE
	HEX. BOLT/N/W	SS400
	GASKET	NONE
ELEMENT	MODEL	SME-310
	FILTRATION	1 ㎛
	CHANGE PERIOD	1800 HOURS OPERATION & DIFF.PRESSURE 0.3 kg/㎠
	QUANTITY	1 EA

SPECIFICATION

PAINT COLOR	MAKER STD (N 8.0)
SUFFACE TREATMENT	SSPC-SP3
FILTER DIMENSION(W x H)	150 x 827 mm
WEIGHT	About 8 Kg
PACKAGE ARRANGE	☐ ONE SKID BASE ■ LOOSE PART

FILTER HOUSING NOZZLE SCHEDLE

NOZZLE	SIZE	TYPE	RATING	CONN.	DESCRIPTION
N-1	50A	SOCKET	-	PT	AIR INLET
N-2	50A	SOCKET	-	PT	AIR OUTLET
N-3	15A	SOCKET	-	PT	AUTO DRAIN
N-4	-	-	-	-	-
N-5	-	-	-	-	-

ACCESSORIES

■ AUTO DRAIN
■ DRAIN VALVE
☐ PRESSURE GAUGE
☐ DIFF, PRESSURE INDICATOR
☐ ELECTRIC TRAP
☐ RAIN TRAP FOR BY-PASS LINE & BLOCK VALVE

REMARK.

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DATA SHEET FOR AIR FILTER

		REV	DATA	PAR'D	CHK,D	APP'D
CUSTOMER						
LOCATION		0	15'09.15	J.P.KIM	J.P.KIM	SU LEE
PROJECT NO.						
SERVICE						
SUPPLIER						
NO. REQ.D						

PROCESS DESIGN DATA

FILTER TYPE (MAIN FILTER)		SMF50A-130
FLUID		COMPRESSED AIR
FLOW RATE		14 Nm3/min
PRESSURE	DESIGN PRESSURE	9.9 kg/㎠
	OPERATING PRESSURE	7.0 kg/㎠
	HYDRAUIC PRESSURE	13.0 kg/㎠
TEMPERATURE	DESIGN TEMPERATURE	100 ℃
	INLET TEMPERATURE	40 ℃ (Max. 60 ℃)
PRESSURE DROP		Max. 0.2 kg/㎠

MECHANICAL DESIGN DATA

DESIGN CODE		KS B 6750
CORROSION ALLOWANCE		1.0 mm
RADIOGRAPH EXAMINATION		■ NO □ SPOT(20%) □ FULL
POST WELD HEAT TREATMENT		■ NO □ YES
MATERIAL for VESSEL	SHELL / HEAD	ALDC
	FLANGE	NONE
	NOZZLE NECK	NONE
	HEX. BOLT/N/W	SS400
	GASKET	NONE
ELEMENT	MODEL	SME-130
	FILTRATION	0.01 ㎛
	CHANGE PERIOD	1800 HOURS OPERATION & DIFF.PRESSURE 0.3 kg/㎠
	QUANTITY	1 EA

SPECIFICATION

PAINT COLOR	MAKER STD (N 8.0)
SUFFACE TREATMENT	SSPC-SP3
FILTER DIMENSION(W x H)	150 x 827 mm
WEIGHT	About 8 Kg
PACKAGE ARRANGE	□ ONE SKID BASE ■ LOOSE PART

FILTER HOUSING NOZZLE SCHEDLE

NOZZLE	SIZE	TYPE	RATING	CONN.	DESCRIPTION
N-1	50A	SOCKET	-	PT	AIR INLET
N-2	50A	SOCKET	-	PT	AIR OUTLET
N-3	15A	SOCKET	-	PT	AUTO DRAIN
N-4	-	-	-	-	-
N-5	-	-	-	-	-

ACCESSORIES

■ AUTO DRAIN
■ DRAIN VALVE
□ PRESSURE GAUGE
□ DIFF, PRESSURE INDICATOR
□ ELECTRIC TRAP
□ RAIN TRAP FOR BY-PASS LINE & BLOCK VALVE

REMARK.

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DATA SHEET FOR AIR FILTER

CUSTOMER		REV	DATA	PAR'D	CHK,D	APP'D
LOCATION		0	15'09.15	J.P.KIM	J.P.KIM	SU LEE
PROJECT NO.						
SERVICE						
SUPPLIER						
NO. REQ.D						

PROCESS DESIGN DATA

FILTER TYPE (MAIN FILTER)		SMF50A-150
FLUID		COMPRESSED AIR
FLOW RATE		14 Nm3/min
PRESSURE	DESIGN PRESSURE	9.9 kg/㎠
	OPERATING PRESSURE	7.0 kg/㎠
	HYDRAUIC PRESSURE	13.0 kg/㎠
TEMPERATURE	DESIGN TEMPERATURE	100 ℃
	INLET TEMPERATURE	40 ℃ (Max. 60 ℃)
PRESSURE DROP		Max. 0.2 kg/㎠

MECHANICAL DESIGN DATA

DESIGN CODE		KS B 6750
CORROSION ALLOWANCE		1.0 mm
RADIOGRAPH EXAMINATION		■ NO □ SPOT(20%) □ FULL
POST WELD HEAT TREATMENT		■ NO □ YES
MATERIAL for VESSEL	SHELL / HEAD	ALDC
	FLANGE	NONE
	NOZZLE NECK	NONE
	HEX. BOLT/N/W	SS400
	GASKET	NONE
ELEMENT	MODEL	SME-150
	FILTRATION	0.01 PPM
	CHANGE PERIOD	1800 HOURS OPERATION & DIFF.PRESSURE 0.3 kg/㎠
	QUANTITY	1 EA

SPECIFICATION

PAINT COLOR	MAKER STD (N 8.0)
SUFFACE TREATMENT	SSPC-SP3
FILTER DIMENSION(W x H)	150 x 827 mm
WEIGHT	About 8 Kg
PACKAGE ARRANGE	□ ONE SKID BASE ■ LOOSE PART

FILTER HOUSING NOZZLE SCHEDLE

NOZZLE	SIZE	TYPE	RATING	CONN.	DESCRIPTION
N-1	50A	SOCKET	-	PT	AIR INLET
N-2	50A	SOCKET	-	PT	AIR OUTLET
N-3	15A	SOCKET	-	PT	AUTO DRAIN
N-4	-	-	-	-	-
N-5	-	-	-	-	-

ACCESSORIES

■ AUTO DRAIN
■ DRAIN VALVE
□ PRESSURE GAUGE
□ DIFF, PRESSURE INDICATOR
□ ELECTRIC TRAP
□ RAIN TRAP FOR BY-PASS LINE & BLOCK VALVE

REMARK.