Status	Part #	Description	Heater Key	Revision
Quoted	714XS160248	PT 2.5NPT 6KW460/3 STL/SST	100011231	1

General Data

KW +5/-10%:	6.00
KW per Circuit:	-
Voltage:	460
Phase:	3
Circuit Quantity:	1
Line Amps:	7.53
Amps Per Circuit:	-
Connection Type:	Wye
Connection:	Permanent Bussing

Certification Data

cCSAus Certified

Enclosure Data

Cast Aluminum - Type 4
Ambient: -40°C to 40°C (-40°F to 104°F)

Application Data

Heated Substance:	Light Oil
Process Max Temp. (°F):	200
Process Max Press.(PSIG):	160
Heater Orientation:	Horizontal

Element Data

Watts Per Sq.In:	19.19
Moisture Seal Type:	Epoxy Seal
Quantity:	3
Quantity Per Circuit:	3
Sheath Material:	304 SST
O.D. (in):	0.475
Watts:	2000
Volts:	265.58

Sensor Data

Sensor #1

Type:	N/A
Location:	N/A
XDim:	N/A
Control:	N/A

Sensor #2

Type:	N/A
Location:	N/A
XDim:	N/A

Fitting Data

Size:	2.5 NPT
Fitting Material:	Steel
Standard	ANSI B1.20.1
Gasket Material:	None
Accessories:	None
Ftg. Design. Temp.:	0°C to 94°C (32°F to 200°F)
Ftg. Design Press. {PSIG}:	160

Suitable Pipe Schedules

10s, 10, STD, 40, SchXH, 80, 160

Wire Connection Data

Power

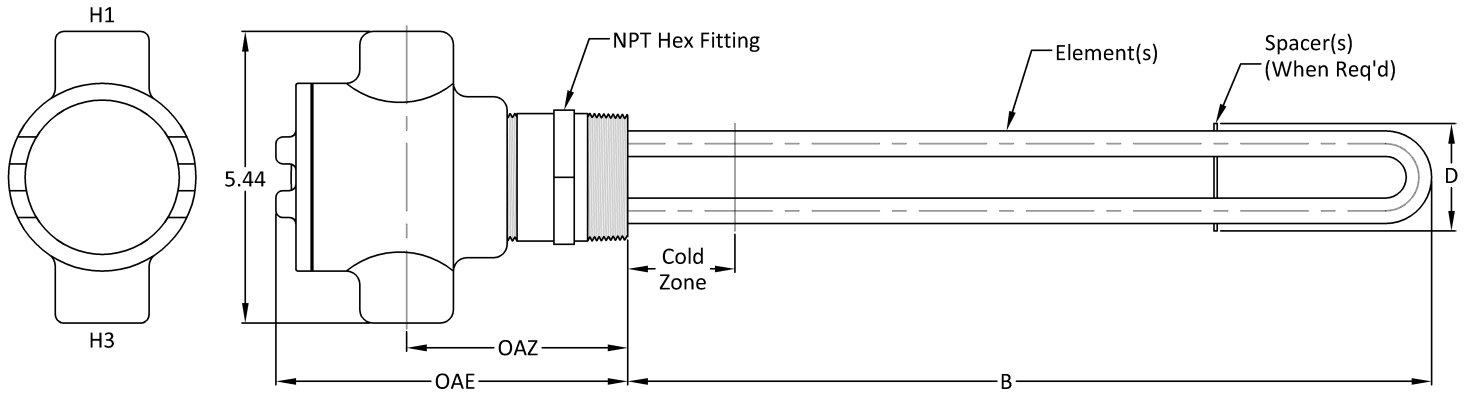
Wire Temp. Rating:	90 Deg. C (Min.)
Wire Size:	14 AWG
Wire Qty:	3
Connection Size:	1" NPT Entry
Connection Qty:	1

Control

Connection Size:	N/A
Connection Qty:	N/A

Note: See Drawing for Supplied Location, Size and Type

Drawing



"B":	37 in (939.8mm) +/-0.5 (12.7mm)	"D":	1.75 in (43.8mm) +0/-0.03 (0.76mm)	"OAE":	6.5625 in (167.1mm) +/-0.25 (6.3mm)
"Cold Zone":	1.5 in (38.1mm) +/-0.375 in (10.1mm)	"N":	N/A	"OAZ":	5.125 in (129.9mm) +/-0.25 (6.3mm)

Est. Assy. Weight: 10 lbs | 304 SST Spacers Required

Connection Locations, Sizes and Types: [H1: 1" NPT Entry] [H2: NA] [H3: 1" NPT Entry] [H4: NA]

Optional Features

Special Construction	Actual watt density is 14, w-bent 0.312" elements *** Engineering Notes *** Do not change item number D.P. 01/05/12 *** Engineering Notes *** L714N1:b26202 *** Engineering Notes *** Heater is built with solid plug old style construction