Your enquiries for GIG/GIGS direct gas can be efficiently processed when you supply the information requested on this page.
Please use this page as guidance when sending your enquiries; if you need assistance, directly contact our offices.

Applicable documents

Customer requisition n° .....

Data sheet .....

Specification .....

Valve data

Manufacturer .....
Model .....Type .....
Size: ND ..... ☐ mm ☐ inches
Class .....
Max diff. pressure ..... ☐ bar ☐ PSI
Medium .....
Service ☐ on-off ☐ modulating
☐ .....

Valve required torques
☐ Nm ☐ Lbs-in
safety factor: included .....% ☐ not incl.
break to open (0°) .....
break to close (90°) .....
end to close (0°) .....
end to open (90°) .....
running .....
dynamic torque (at.....°) .....
max allowable .....

Stem size
diameter/square side .....mm
height .....mm
key dimension ..... x .....mm
Coupling dimensions
customer's drawing .....
Installation
pipe axis: ☐ vertical ☐ horizontal
valve stem: ☐ vertical ☐ horizontal
cylinder axis: ☐ parallel ☐ perpendicular to the pipe axis

notes .....
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Actuator data

Actuator type
☐ double acting
☐ single acting spring to close
☐ single acting spring to open

Gas supply
☐ air ☐ natural gas ☐ nitrogen
☐ .....
connections size: ..... ☐ ISO 7/1 Rp
☐ NPT
☐ .....
Gas supply pressure: ☐ bar ☐ PSI
min ..... normal ..... max .....

Operating time (sec)
opening: from ..... to .....
closing: from ..... to .....
Ambient temperature
min ..... max ..... ☐ °C ☐ °F
Environment conditions .....
Required painting cycle .....
Manual override:
☐ no ☐ jackscrew ☐ hand pump
☐ .....

Notes

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GIG/GIGS Direct Gas Actuator
enquiry and ordering data

Valve position signaling

Electric limit switches
open q.ty ..... closed q.ty .....
intermediate q.ty .....
Supply voltage ..... ☐ DC
..... ☐ AC ..... Hz
load:
resistive ..... Amps
lamps ..... Amps
inductive ..... Amps
Cam actuated
☐ SPDT ☐ sealed ☐ sealed under inert gas
☐ gold contact ☐ DPDT ☐ .....
Proximity
☐ inductive
☐ magnetic ☐ NO ☐ NC ☐ SPDT
type/manufacturer .....
.....

Pneumatic limit switches
open q.ty ..... closed q.ty .....
intermediate q.ty .....
Supply pressure ..... ☐ bar
..... ☐ PSI
pneum. connection size .....☐ ISO7/1RP
☐ NPT
☐ .....

Electric position transmitter
☐ 4-20 mA output signal ☐ contact type
☐ contactless type ☐ .....
☐ resistive from ..... to ..... Ohm
☐ .....
type/manufacturer .....
notes .....
.....

Local position indicator
☐ standard
☐ special .....
Enclosure
Protection degree
☐ weatherproof IP.....
☐ explosionproof .....
.....
☐ intrinsically safe .....
code: ☐ CENELEC ☐ .....
Material
☐ alum. (std) ☐ cast iron ☐ .....
Cable entries
q.ty ..... size .....

Customer wiring diagram .....
.....

Control system

On-off service
☐ by electric signal
☐ by pneumatic signal
☐ by local manual control
☐ .....
1 signal ☐ to close ☐ to open
2 signals ☐ to close ☐ to open
Control signal:
voltage ..... ☐ DC
..... ☐ AC ..... Hz
pressure ..... ☐ bar ..... PSI
notes .....
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Modulating service
☐ by electric signal ..... mA (closed valve)
..... mA (open valve)
☐ by pneum. signal ..... (closed valve)
☐ bar ☐ PSI ..... (open valve)
☐ .....

Control system reset
☐ automatic ☐ local manual
☐ remote .....
☐ after any closing operation
☐ after any opening operation
☐ after emergency operation only
☐ .....

Emergency action
☐ closing operation
☐ opening operation
☐ stay in position
☐ for pneumatic supply failure
☐ for low pressure in the storage tank
☐ for low pressure in the process line
☐ for high pressure in the process line
☐ for electric supply failure
for ☐ electric ☐ pneumatic control signal
☐ failure
☐ present from rem. control room
☐ for high rate of pressure drop in the process line

Control system components

Solenoid valves
Body material
☐ aluminium/brass
☐ stainless steel
☐ .....
Action
☐ direct ☐ servopiloted
Coil enclosure protection
☐ weatherproof IP .....
☐ explosionproof .....
.....
☐ intrinsically safe .....
code: ☐ CENELEC ☐ .....
Coil enclosure material
☐ aluminium ☐ cast iron/steel
☐ .....
Function
☐ universal ☐ NC ☐ NO
Supply voltage ..... ☐ DC
..... ☐ AC ..... Hz
Max consumed power ..... ☐ W ☐ VA
notes .....
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Pipe and fittings
☐ copper pipe and brass nickel plated fittings
☐ carbon steel
☐ 316 stainless steel
☐ .....
notes .....
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Junction box
Protection degree
☐ weatherproof IP .....
☐ explosionproof .....
☐ intrinsically safe .....
☐ increased safety .....
code: ☐ CENELEC ☐ .....
Material
☐ aluminium ☐ cast iron ☐ GRP
☐ stainless steel ☐ .....
Cable entries
☐ q.ty ..... size .....

Customer operating diagram .....
Customer wiring diagram .....

Control system valves
Body material
☐ aluminium/brass
☐ stainless steel
☐ .....
notes .....
.....

Control system assembling
☐ on panel:
panel material ☐ carbon steel (std)
☐ stainless steel
☐ into cabinet:
cabinet material ☐ carbon steel (std)
☐ GRP
☐ stainless steel
notes .....
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Storage tank

no of strokes .....
starting pressure ..... ☐ bar ☐ PSI
assembling: ☐ on actuator ☐ separate
code: ☐ ISPESL
☐ ASME VIII Div.1 not stamped
☐ .....
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design pressure ..... ☐ bar ☐ PSI
design temperature ..... ☐ °C ☐ °F
required non destructive test .....
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Safety valve:
☐ yes ☐ no code .....
set at ..... ☐ bar ☐ PSI
body material ☐ brass
☐ carbon steel ☐ stainless steel
notes .....
Other accessories .....
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