

## CIR3200 – Ordering Code

1&2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18
Model	DSH Type	Nozzle Model	Steam Side Size	Steam Side Rating	Stem Side Conn	C.W Pipe Size	C.W. Side Rating	C.W Side Conn	Qty of Nozzles	DSH Matl	Nozzle & Trim Matl	Compliance	Specials	Actuator Type	Actuator Model	Accessories
32	1	A	3	A	A	1	A	A	A	A	1	1	X	A	1	1

### Position - 1&2 | Model

32

### Position - 3 | DSH Type

1 - Venturi  
 2 - Probe Type - FN  
 3 - Probe Type - SL  
 4 - Wall Mounted - SL  
 5 - IC DSH with Actuator - DC  
 6 - IC DSH with Actuator - ZT  
 7 - IC DSH with Actuator - MZ  
 8 - Probe - SA  
 Z - Special

### Position - 4 | Trim Type

#### Venturi Nozzle

A - VN1    B - VN2    C - VN3    D - VN4

#### Probe-FN

A - FN1    E - FN5    J - FN9    N - FN13  
 B - FN2    F - FN6    K - FN10    P - FN14  
 C - FN3    G - FN7    L - FN11    Q - FN15  
 D - FN4    H - FN8    M - FN12

#### SL Nozzle

A - SL14A    D - SL20A    G - SL28A    K - SL40A  
 B - SL14B    E - SL20B    H - SL28B    L - SL40B  
 C - SL14C    F - SL20C    J - SL28C    M - SL40C

#### IC DSH Nozzle

A - R1    G - R7    N - R13    U - R19  
 B - R2    H - R8    P - R14    V - R20  
 C - R3    J - R9    Q - R15    W - R21  
 D - R4    K - R10    R - R16    Y - R22  
 E - R5    L - R11    S - R17  
 F - R6    M - R12

#### SA Nozzle

Z - Custom

### Position - 5 | Steam Side Size

3 - 1"    9 - 8"    F - 20"    M - 32"  
 4 - 1.5"    A - 10"    G - 22"    N - 34"  
 5 - 2"    B - 12"    H - 24"    P - 36"  
 6 - 3"    C - 14"    J - 26"    Z - Other  
 7 - 4"    D - 16"    K - 28"  
 8 - 6"    E - 18"    L - 30"

### Position - 6 | Steam Side Rating

A - 150#    J - 300# SPL  
 B - 300#    K - 600# SPL  
 C - 600#    L - 900# SPL  
 D - 900#    M - 1500# SPL  
 E - 1500#    N - 2500# SPL  
 F - 2500#    Z - Special/Other  
 G - 4500#  
 H - 150# SPL

### Position - 7 | Stem Side Conn

A - RF    Q - BWE 40  
 B - RTJ    S - BWE XS  
 C - Wafer RF    T - BWE 60  
 D - Lugged RF    U - BWE 80  
 E - Wafer RTJ    W - BWE XS  
 F - Lugged RTJ    1 - BWE 100  
 G - SWE    2 - BWE 120  
 K - BWE 10    3 - BWE 140  
 M - BWE 20    4 - BWE 160  
 N - BWE 30    5 - BWE XXS  
 P - BWE STD    Z - Special

### Position - 8 | C.W Pipe Size

1 - 1/2"    3 - 1"    5 - 2"    7 - 4"  
 2 - 3/4"    4 - 1.5"    6 - 3"    8 - 6"  
 Z - Special/Other

### Position - 9 | C.W. Side Rating

A - 150#    H - 150# SPL  
 B - 300#    J - 300# SPL  
 C - 600#    K - 600# SPL  
 D - 900#    L - 900# SPL  
 E - 1500#    M - 1500# SPL  
 F - 2500#    N - 2500# SPL  
 G - 4500#    Z - Special/Other

### Position - 10 | C.W Side Conn

A - RF    Q - BWE STD    2 - BWE 100  
 B - RTJ    R - BWE 40    3 - BWE 120  
 G - SWE    T - BWE XS    4 - BWE 140  
 L - BWE 10    U - BWE 60    5 - BWE 160  
 N - BWE 20    V - BWE 80    6 - BWE XXS  
 P - BWE 30    1 - BWE XS    Z - Special/Other

### Position - 11 | Qty of Nozzles

A - 1    G - 7    X - N.A  
 B - 2    H - 8    Z - Special  
 C - 3    J - 9    /Other  
 D - 4    K - 10  
 E - 5    L - 11  
 F - 6    M - 12

### Position - 12 | DSH Matl

A - A 105 / A106 Gr B  
 B - A182 Gr F11 / A335 Gr P11  
 C - A182 Gr F22 / A335 Gr P22  
 D - A182 Gr F91 / A335 Gr P91  
 E - A182 Gr F316 / A312 TY 316  
 Z - Special / Other

### Position - 13 | Nozzle & Trim Matl

1 - SS316 Nt  
 2 - SS316+ST & SS316  
 3 - SS410 Nt  
 4 - SS410 Nitrided & DIN 1.4122 Nt

5 - DIN 1.4122 + Nitrided  
 6 - A 565 GR 616 / AISI 422  
 Z - Special/Other

### Position - 14 | Compliance

1 - IBR    2 - PED / CE    3 - NACE  
 X - NA    Z - Special/Other

### Position - 15 | Specials

X - NA    Z - Special/Other

### Position - 16 | Actuator Type

A - Multi Spring & Diaphragm w/o HW  
 B - Multi Spring & Diaphragm w/ TMH  
 C - Multi Spring & Diaphragm w/ SMH  
 D - Single Spring & Diaphragm w/o HW  
 E - Single Spring & Diaphragm w/ TMH  
 F - Single Spring & Diaphragm w/ SMH  
 G - Piston - SASR w/o HW  
 H - Piston - SASR w/ SMH  
 J - Piston - DASR w/o HW  
 K - Piston - DASR w/ SMH  
 L - Piston - DA w/o HW  
 M - Piston - DA w/ SMH  
 N - Electric  
 R - Manual Handwheel  
 X - None  
 Z - Special

### Position - 17 | Actuator Model

1 - ST-6115    F - PA250  
 2 - ST-6135    G - PA330  
 3 - ST-6160    H - PA400  
 4 - ST-6175    J - PA500  
 4 - M-230    K - SMH 250  
 5 - M-385    L - SMH 330  
 6 - M-700    M - SMH 400  
 7 - M-1400    N - SMH 500  
 8 - S-225    P - 12"  
 9 - S-320    Q - 14"  
 A - S-550    R - 16"  
 B - S-700    S - 20"  
 C - S-960    T - 24"  
 D - S-1400    X - NA  
 E - PA150    Z - Special/other

### Position - 18 | Accessories

1 - 1    5 - 5    9 - 9  
 2 - 2    6 - 6    X - NA  
 3 - 3    7 - 7    Z - Special  
 4 - 4    8 - 8    /other

# SPECIFICATION - CIR 3200

Plant Name :	Project Name :	End User :	Application :
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Tag No:	Qty:	Fluid :
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Sizing Parameters	Units	Min Flow	Norm Flow	Max Flow	Shut-Off
SERVICE/CONDITIONS	Steam/Gas Inlet Flow Rate				—
	Steam/Gas Pressure				
	Steam/Gas Inlet Temperature				
	Steam/Gas Outlet Temperature				—
	Steam/Gas Outlet Flow Rate				—
	Spray Fluid Flow Rate				—
	Spray Fluid Pressure				
	Spray Fluid Temperature				

**LINE**

Steam/Gas Pipe Size & Matl.  
 Spray Fluid Pipe Size & Matl.  
 Liner Pipe Size & Matl.

**VALVE BODY/BONNET**

DSH Type  
 DSH Size  
 Steam/Gas Design Press. & Temp.  
 Spray Fluid Design Press. & Temp.  
 Pressure Class  
 DSH Mat'l  
 Steam/Gas Side End Conn.  
 Spray Fluid Side End Conn.

**TRIM**

Trim Type  
 Trim Material  
 Nozzle Type  
 Nozzle Material

**LOC.**

Equip. Location  
 Amb. Temp. Min/Max  
 Area Classification  
 PED Category

**ACTUATOR**

Type  
 Service  
 Air Fail Action  
 Min & Max. Allow. Press.  
 Orientation  
 Handwheel  
 Tubing & Fittings

**POSITIONER**

Input Signal  
 Type/Protocol  
 Gauges  
 By-Pass  
 Position Feedback  
 Certification / Compliance

**AIR SET**

Range  
 Filter  
 Gauge  
 Set Pressure

**SOL**

Type  
 Quantity  
 Voltage  
 Certification / Compliance

**SWITCHES**

Type  
 Contacts/Rating  
 Actuation Points  
 Certification / Compliance

**TEST**

Hydrotest  
 Seat Leakage  
 Special Testing

Special Notes