

FLOW MANAGEMENT DEVICES, LLC

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4TH GENERATION PROVER CONFIGURATION

NOT ALL CONFIGURATIONS SHOWN ON THIS TABLE ARE AVAILABLE – CONSULT FACTORY

A	B	C	D	D	D	(E)	(E)	F	G	H	I	J	K	L	M	N	O	O	O	O
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Prover Type [A]
H = Horizontal
V = Vertical

Structural Components [B]
4 = 304, & galvanized frame
6 = 316 & galvanized frame
8 = 316 & stainless frame
 (Note: Can contain other materials.)

Wetted Components [C]
4 = 304
6 = 316

Max Flow Rate [DDD]
001 = 100_{gpm} (142_{BPH}) [23_{m³/hr}]
003 = 300_{gpm} (428_{BPH}) [68_{m³/hr}]
007 = 700_{gpm} (1,000_{BPH}) [150_{m³/hr}]
015 = 1,500_{gpm} (2,100_{BPH}) [330_{m³/hr}]
025 = 2,500_{gpm} (3,570_{BPH}) [560_{m³/hr}]
035 = 3,500_{gpm} (5,000_{BPH}) [790_{m³/hr}]
A35 = 3,500_{gpm} (5,000_{BPH}) [790_{m³/hr}]
045 = 4,500_{gpm} (6,500_{BPH}) [1,022_{m³/hr}]
060 = 6,000_{gpm} (8,500_{BPH}) [1,350_{m³/hr}]
090 = 9,000_{gpm} (12,850_{BPH}) [2,000_{m³/hr}]
130 = 13,000_{gpm} (18,500_{BPH}) [2,900_{m³/hr}]
200 = 20,000_{gpm} (28,500_{BPH}) [4,500_{m³/hr}]
245 = 24,500_{gpm} (35,000_{BPH}) [5,565_{m³/hr}]

Flange Configuration [(EE)]
(RR) = Right in - Right out
(RL) = Right in - Left out
(RT) = Right in - Top out
(4A) = 4 Flange
(LL) = Left in - Left out
(LR) = Left in - Right out
(LT) = Left in - Top out
(TT) = Top in - Top out
(TR) = Top in - Right out

Pressure Class [F]
1 = ANSI
2 = PED

Flange Type [G]
A = Raised Face
B = Ring Joint

Pressure Rating [H]
 PER ASME B16.5(B16.5M) TABLE 2-1.1
 -20 TO 100°F (-29 TO 38°C)
A = 150# = 285_{PSI} (19.6_{BAR})
B = 300# = 740_{PSI} (51.1_{BAR})
C = 600# = 1480_{PSI} (102.1_{BAR})
D = 900# = 2220_{PSI} (153.2_{BAR})
E = 1500# = 3705_{PSI} (255.3_{BAR})

Covers Type [I]
S = Standard (Quick Access)
P = Purge (≤ -20°F Product)

Area Classification [J]
E = US/CSA Class 1 Div 1 40°C
G = US/CSA Class 1 Div 2 40°C
J = ATEX Ex d mb [ia] IIB T3 Gb -20° to 40°C
K = IECEx Ex d mb [ia] IIB T3 Gb -20° to 40°C

Special Options [O...] Consult factory
 Leave blank if none

Seal Material [N]
E = Ekonal
C = Carbon

Tube Finish [M]
W = Wrap (Standard)
N = Natural Finish
P = Painted (To customer specification. If none supplied, it will be painted per FMD paint specification)
 **Consult factory prior to selecting 'P' option

Motor Voltage [L]
A = 24 VDC (001-060)
B = 110-120 VAC 1ph (001-090)
C = 220/230/240 VAC 1 phase (001-090)
D = 190/208-230/240 VAC 3 Phase (*)
F = 380/400/415 VAC 3 Phase (*)
I = 440/460/480 VAC 3 Phase (*)
M = Hydraulic
 *Please note Delta or Wye configuration on 3 phase

Frequency [K]
A = DC
B = 50 Hz
C = 60 Hz