

Section
7

Dosing Pots

Dosing pots are required in order to feed liquid chemicals, such as corrosion inhibitors or antifreeze, into closed systems safely.

All FlexEJ Dosing Pots are supplied with:

- Drain Valve
- Return Flow Valve
- Flow Valve
- Non Return Valve
- Wall Brackets
- Filling Valve
- Carbon Steel Pipe Body
- Tundish
- Air Release Valve

It is important that the dosing pot is correctly attached to the system to allow rapid chemical feed. Choose a location near a main pipe run or system header.

For capacities and dimension see attached drawings



Dosing Pots

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Rev.	Description	DRN.	Date	CERT	Date
2	DATA SHEET	AC	05/01/11	TR	05/01/11

SIZE (Ltr)	DIM 'A'	DIM 'ØB'	DIM 'C'	DIM 'D'	DIM 'E'	PIPE SPEC(3)	MAX W.P.	TEST PRESS
3.5	265.0	168.0	183.0	92	216.0	A	14 BAR	21 BAR
5								
6								
10								
11								
13.5								
15								
16								
18								
20								
25								

NOTE:
 1, FOR DIMENSIONS OF OTHER CAPACITY UNITS REFER TO DATA SHEET FEJ.D-03-2
 2, ALL DIMENSIONS +/-10MM
 3, SMLS PIPE TO ASMT A106 Gr.B SCH.STD WT.
 4, SURFACE FINISH - BLACK PRIMER

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Item	Description	Qty	Material
1.	END PLATES - 6MM THICK	2	EN10028-2 P265GH
2.	PIPE BODY - SEE NOTE 3	1	ASTM A106 Gr.B
3.	BRACKET - 50 X 6MM FLAT BAR	1	CARBON STEEL
4.	1" BSP TEE NIPPLES	2	ASTM A106 Gr.B
5.	1" BSP EQUAL TEE PIECE	2	MALLEABLE IRON
6.	1" BSP HEX NIPPLE	4	MALLEABLE IRON
7.	1" BSP NONE RETURN VALVE	1	BRASS
8.	1" BSP BALL VALVE	4	BRASS
9.	TUNDISH	1	CARBON STEEL
10.	1/8" AIR VENT	1	BRASS

DRG. TITLE			
DATA SHEET - DOSING POTS			
SIZE	DRG. No	DRG.SCALE	DRG. Rev
A4	FEJ.D-03-1	1:5	2

Section
7

Dosing Pots

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Rev.	Description	DRN.	Date	CERT	Date
2	DATA SHEET	AC	05/01/11	TR	05/01/11

SIZE (Ltr)	DIM 'A'	DIM 'ØB'	DIM 'C'	DIM 'D'	DIM 'E'	PIPE SPEC(3)	MAX W.P.	TEST PRESS
3.5								
5	265.0	168.0	258.0	78.0	216.0	A	14 BAR	21 BAR
6	265.0	168.0	313.0	133.0	216.0	A	14 BAR	21 BAR
10	315.0	219.0	293.0	103.0	268.0	B	10 BAR	15 BAR
11	315.0	219.0	318.0	138.0	268.0	B	10 BAR	15 BAR
13.5	315.0	219.0	393.0	203.0	268.0	B	10 BAR	15 BAR
15	315.0	219.0	443.0	255.0	268.0	B	10 BAR	15 BAR
16	315.0	219.0	468.0	288.0	268.0	B	10 BAR	15 BAR
18	315.0	219.0	543.0	353.0	268.0	B	10 BAR	15 BAR
20	315.0	219.0	588.0	408.0	268.0	B	10 BAR	15 BAR
25	375.0	273.0	498.0	326.0	328.0	B	8 BAR	12 BAR

NOTE:
 1, FOR DIMENSIONS OF 3.5 LTR UNIT REFER TO DATA SHEET FEJ.D-03-1
 2, ALL DIMENSIONS +/-10MM
 3, SMLS PIPE TO ASMT A106 Gr.B SCH.STD. WT.
 4, SURFACE FINISH - BLACK PRIMER

Item	Description	Qty	Material
1.	END PLATES - 6MM THICK	2	EN10028-2 P265GH
2.	PIPE BODY - SEE NOTE 3	1	ASTM A106 Gr.B
3.	BRACKET - 50 X 6MM FLAT BAR	2	CARBON STEEL
4.	1"BSPT SCH.80 PIPE NIPPLE	2	ASTM A106 Gr.B
5.	1"BSPT EQUAL TEE PIECE	2	MALLEABLE IRON
6.	1"BSPT HEX NIPPLE	4	MALLEABLE IRON
7.	1"BSPT NONE RETURN VALVE	1	BRASS
8.	1"BSPT BALL VALVE	4	BRASS
9.	TUNDISH	1	CARBON STEEL
10.	1/8" AIR VENT	1	BRASS

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DRG. TITLE
DATA SHEET - DOSING POTS

SIZE A4	DRG. No FEJ.D-03-2	DRG.SCALE 1:5	DRG. Rev 2
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