



TOLERANCE STACK UP (WORKSHEET)		
ITEM	DESCRIPTION	NOMINAL (IN)
A	SEAT POCKET TO SEAT POCKET	
B	SEAT THICKNESS	
C	SEAT THICKNESS	
D	GATE THICKNESS	
E	SEAT OD	
F	SEAT OD	
G	SEAT POCKET ID	
H	SEAT POCKET ID	
A =		
B + C + D =		
TOLERANCE STACK UP (A - (B + C + D)) =		
TOLERANCE STACK UP (NOMINAL)		
ITEM	DESCRIPTION	NOMINAL (IN)
A	SEAT POCKET TO SEAT POCKET	9.216
B	SEAT THICKNESS	2.911
C	SEAT THICKNESS	2.911
D	GATE THICKNESS	3.375
E	SEAT OD	7.738
F	SEAT OD	7.738
G	SEAT POCKET ID	7.751
H	SEAT POCKET ID	7.751
A =		8.716
B + C + D =		8.697
NOMINAL TOLERANCE (A - (B + C + D)) =		0.019

E DIMENSIONS			
ITEM	DESCRIPTION	NOMINAL (IN)	TOLERANCE
A	SEAT POCKET TO SEAT POCKET	9.216	+/- 0.002
B & C	SEAT THICKNESS	2.911	+/- 0.003
D	GATE THICKNESS	3.375	+/- 0.005
E & F	SEAT OD	7.738	+/- 0.001
G & H	SEAT POCKET ID	7.751	+/- 0.003

CONFIDENTIAL INFORMATION

NOT TO SCALE – FOR REFERENCE ONLY



VALVEWORKS (E) TOLERANCE STACK UP
WORKSHEET – 5 1/8-15K (FM3)

ASSET NUMBER (PPC):

DATE:

RELEASE DATE: 10/22/2024

REVISION B