

3" Bore

Non Magnetic Piston

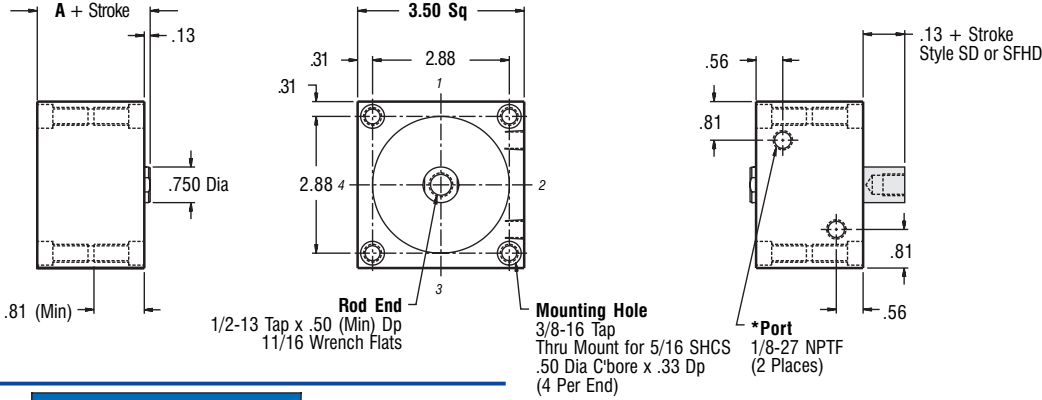
3" Bore • 3" Bore • 3" Bore • 3" Bore • 3" Bore

Part Number

Duty	Single Rod	Double Rod	Stock Stroke Length	A
Standard	S3x__	SD3x__	1/8, 1/4, 3/8, 1/2, 5/8, 3/4	1.63
Intermediate	SHH3x__		1/8, 1/4, 3/8, 1/2	1.88
Heavy	SFH3x__	SFHD3x__	1/8, 1/4	2.13

Standard Mounting:
TF TR TBE TM

*Optional Porting: 1/4-18 NPTF

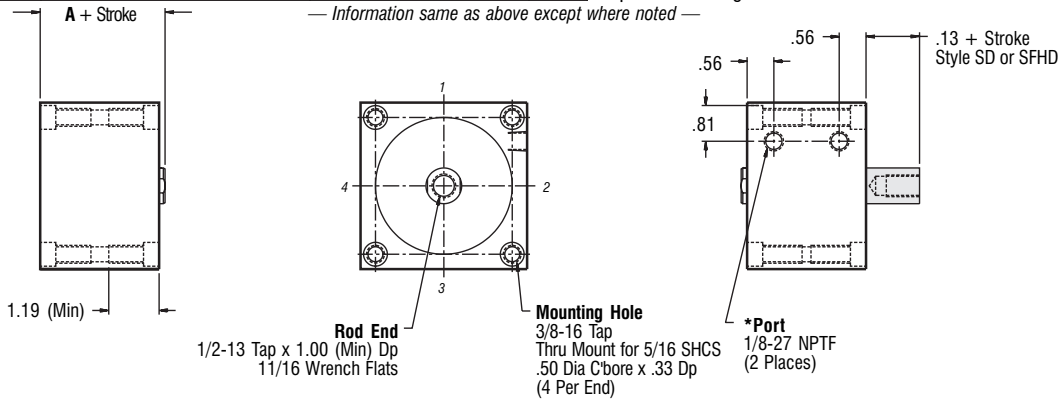


Part Number

Duty	Single Rod	Double Rod	Stock Stroke Length	A
Standard	S3x__	SD3x__	7/8, 1, 1-1/4, 1-1/2	1.63
Intermediate	SHH3x__		5/8, 3/4, 1, 1-1/4	1.88
Heavy	SFH3x__	SFHD3x__	3/8, 1/2, 3/4, 1	2.13

Standard Mounting:
TF TR TBE TM

*Optional Porting: 1/4-18 NPTF

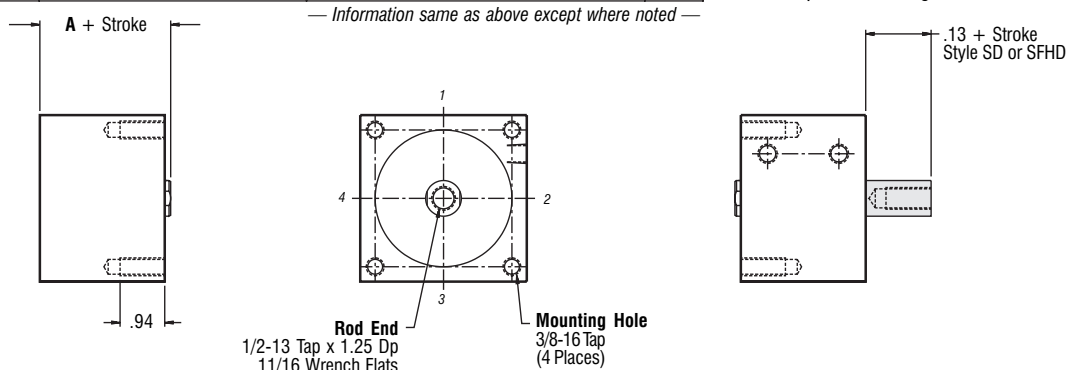


Part Number

Duty	Single Rod	Double Rod	Stock Stroke Length	A
Standard	S3x__	SD3x__	1-3/4, 2, 2-1/2, 3, 3-1/2, 4	1.63
Intermediate	SHH3x__		1-1/2, 1-3/4, 2-1/4, 2-3/4, 3-1/4, 3-3/4	1.88
Heavy	SFH3x__	SFHD3x__	1-1/4, 1-1/2, 2, 2-1/2, 3, 3-1/2, 4	2.13

Standard Mounting: TF
Optional Mounting: TR TBE TM

*Optional Porting: 1/4-18 NPTF





Magnetic Piston

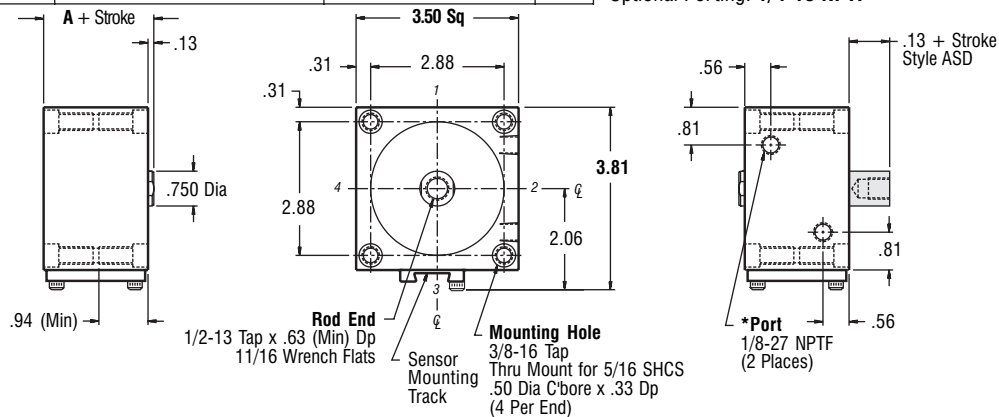
3" Bore

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Part Number		Stock Stroke Length	A
Duty	Single Rod Double Rod		
Standard	AS3x ASD3x	1/8, 1/4, 3/8, 1/2	1.88
Intermediate	ASHH3x	1/8, 1/4	2.13

Standard Mounting:
TF TR TBE TM

*Optional Porting: 1/4-18 NPTF

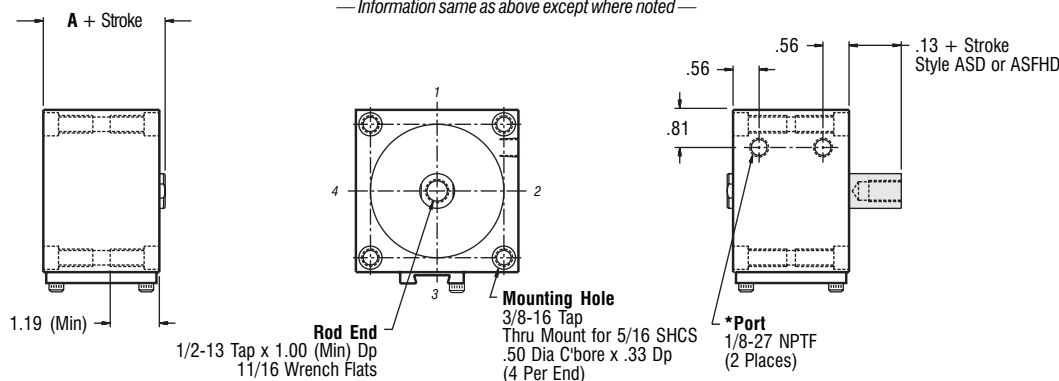


Part Number		Stock Stroke Length	A
Duty	Single Rod Double Rod		
Standard	AS3x ASD3x	5/8, 3/4, 1, 1-1/4	1.88
Intermediate	ASHH3x	3/8, 1/2, 3/4, 1	2.13
Heavy	ASFH3x ASFHD3x	1/8, 1/4, 1/2, 3/4	2.38

Standard Mounting:
TF TR TBE TM

*Optional Porting: 1/4-18 NPTF

— Information same as above except where noted —

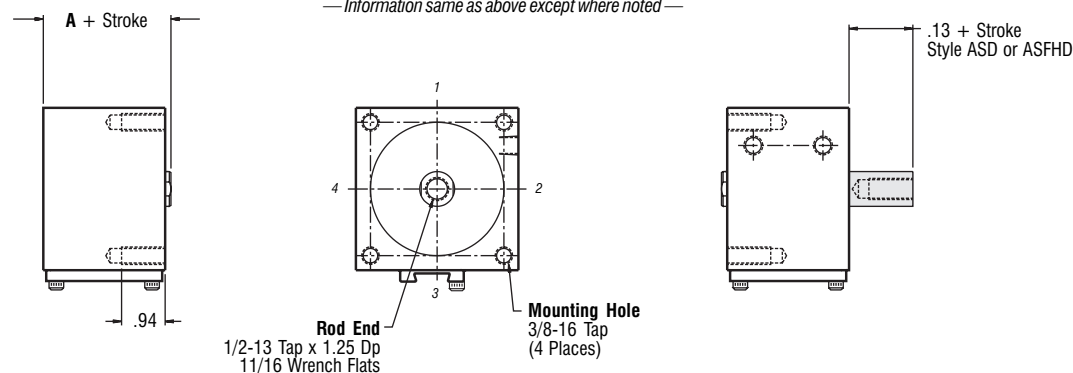


Part Number		Stock Stroke Length	A
Duty	Single Rod Double Rod		
Standard	AS3x ASD3x	1-1/2, 1-3/4, 2-1/4, 2-3/4, 3-1/4, 3-3/4	1.88
Intermediate	ASHH3x	1-1/4, 1-1/2, 2, 2-1/2, 3, 3-1/2, 4	2.13
Heavy	ASFH3x ASFHD3x	1, 1-1/4, 1-3/4, 2-1/4, 2-3/4, 3-1/4, 3-3/4	2.38

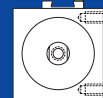
Standard Mounting: TF
Optional Mounting: TR TBE TM

*Optional Porting: 1/4-18 NPTF

— Information same as above except where noted —



Part Number X



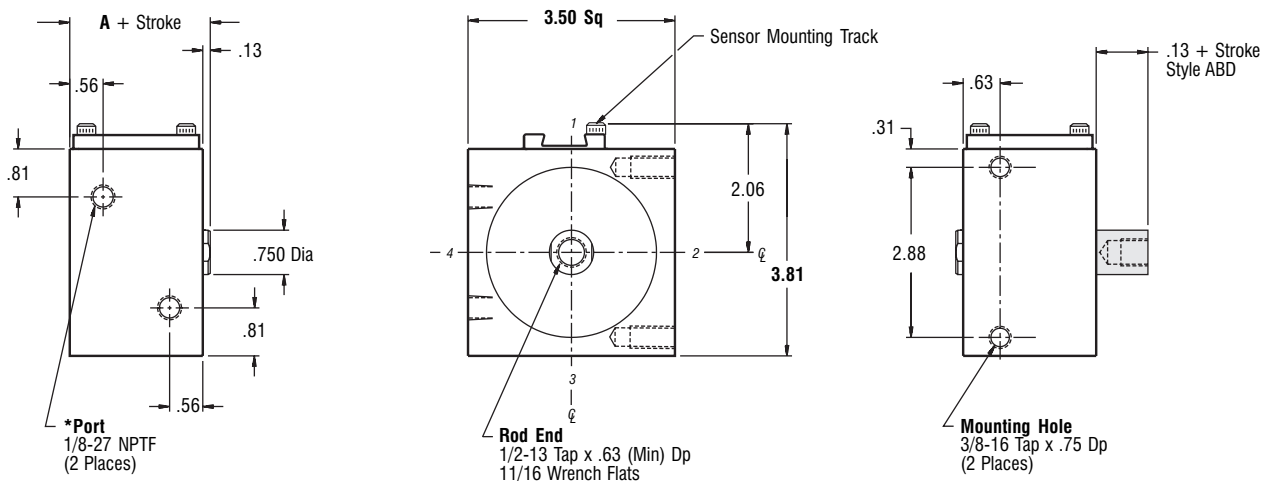
Magnetic Piston

3" Bore

	Part Number			
Duty	Single Rod	Double Rod	Stock Stroke Length	A
Standard	AB3x__	ABD3x__	1/8, 1/4, 3/8, 1/2	1.88
Intermediate	ABHH3x__		1/8, 1/4	2.13

*Port Orientation:
(Introduction Section)
Threads *Port Side

*Optional Porting: 1/4-18 NPTF

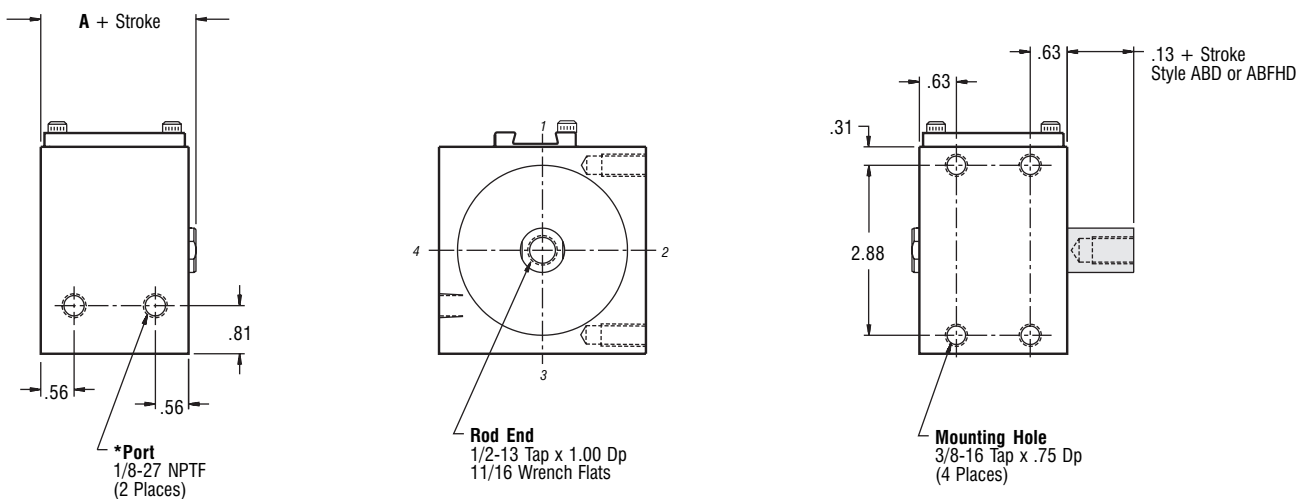


	Part Number			
Duty	Single Rod	Double Rod	Stock Stroke Length	A
Standard	AB3x__	ABD3x__	5/8, 3/4, 1, 1-1/4, 1-1/2, 1-3/4, 2-1/4, 2-3/4, 3-1/4, 3-3/4	1.88
Intermediate	ABHH3x__		3/8, 1/2, 3/4, 1, 1-1/4, 1-1/2, 2, 2-1/2, 3, 3-1/2, 4	2.13
Heavy	ABFH3x__	ABFHD3x__	1/8, 1/4, 1/2, 3/4, 1, 1-1/4, 1-3/4, 2-1/4, 2-3/4, 3-1/4, 3-3/4	2.38

*Port Orientation:
(Introduction Section)
Threads *Port Side

*Optional Porting: 1/4-18 NPTF

— Information same as above except where noted —



Part Number X



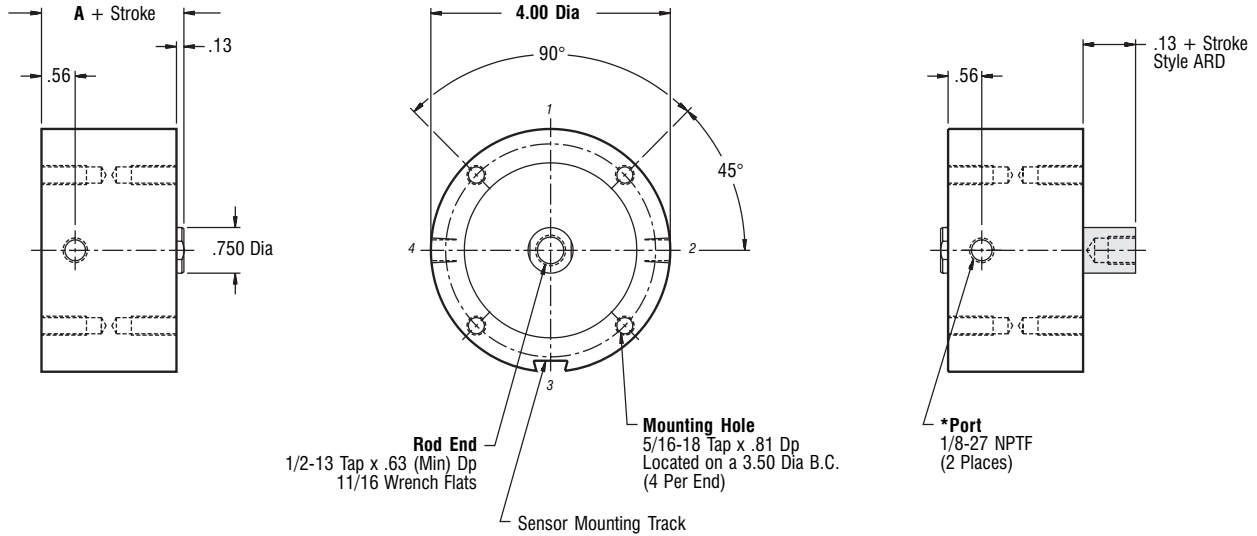
Magnetic Piston

3" Bore

Duty	Part Number		Stock Stroke Length	A
	Single Rod	Double Rod		
Standard	AR3x__	ARD3x__	1/8, 1/4, 3/8, 1/2	1.88
Intermediate	ARHH3x__		1/8, 1/4	2.13

Standard Mounting: TF
Optional Mounting: TR TBE TM

*Optional Porting: 1/4-18 NPTF

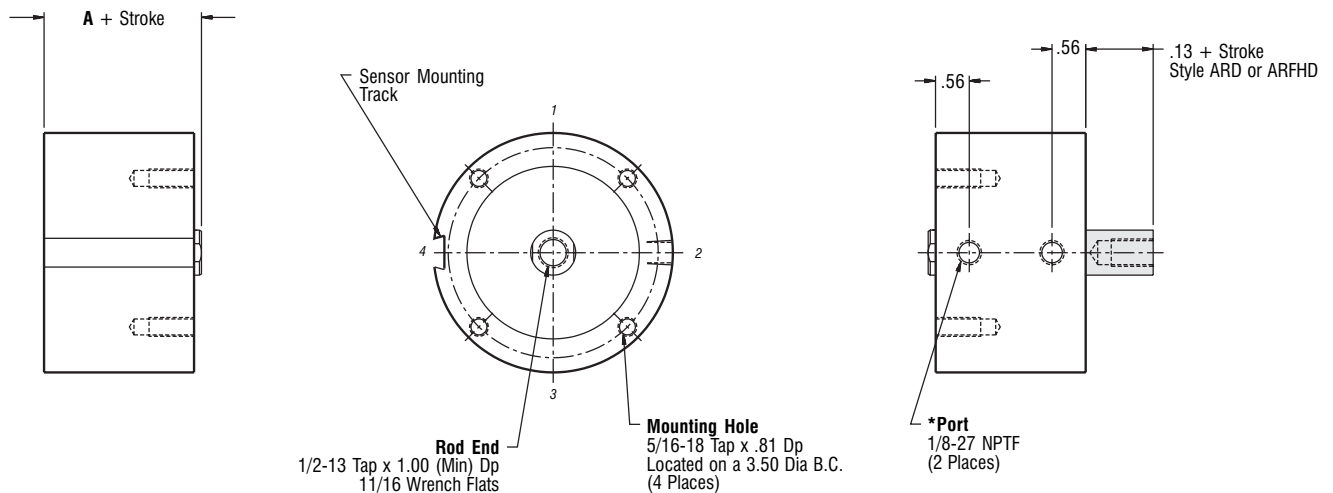


Duty	Part Number		Stock Stroke Length	A
	Single Rod	Double Rod		
Standard	AR3x__	ARD3x__	5/8, 3/4, 1, 1-1/4, 1-1/2, 1-3/4, 2-1/4, 2-3/4, 3-1/4, 3-3/4	1.88
Intermediate	ARHH3x__		3/8, 1/2, 3/4, 1, 1-1/4, 1-1/2, 2, 2-1/2, 3, 3-1/2, 4	2.13
Heavy	ARFH3x__	ARFHD3x__	1/8, 1/4, 1/2, 3/4, 1, 1-1/4, 1-3/4, 2-1/4, 2-3/4, 3-1/4, 3-3/4	2.38

Standard Mounting: TF
Optional Mounting: TR TBE TM

*Optional Porting: 1/4-18 NPTF

— Information same as above except where noted —



Part Number X Stroke Options - See 'Options' section