

Specifications

Units:

Imperial

Metric

Maximum Operating Pressure (psi)	5,000
Minimum Operating Pressure (psi)	500
Clamping Force (lbs)	3900
Stroke (in)	1.16
Stroke Clamping (in)	0.55
Mounting Style	Threaded Body
Return Type	Single-Acting
Rotation Direction	Straight
Cylinder Effective Area Clamp (in ²)	1.1
Oil Capacity Clamp (in ³)	1.22
Maximum Oil Flow (in ³ /min)	140
Standard Clamp Arm	CAS201
Mounting Flange	AW19
Flange Nut	FN651
Weight (lbs)	7.1

Model Number	Maximum Operating Pressure (psi)	Minimum Operating Pressure (psi)	Clamping Force (lbs)	Stroke (in)	Stroke Clamping (in)	Mounting Style	Return Type	Rotation Direction	Cylinder Effective Area Clamp (in ²)	Oil Capacity Clamp (in ³)	Maximum Oil Flow (in ³ /min)	Standard Clamp Arm	Mounting Flange	Flange Nut	Weight (lbs)
STSS21	5,000	500	475	0.65	0.32	Threaded Body	Single-Acting	Straight	0.12	0.08	12	CAS21		FN281	1.1
STSS51	5,000	500	1100	0.89	0.39	Threaded Body	Single-Acting	Straight	0.28	0.25	25	CAS51	AW5	FN351	2.5
STSS201	5,000	500	3900	1.16	0.55	Threaded Body	Single-Acting	Straight	1.1	1.22	140	CAS201	AW19	FN651	7.1
STSS351	5,000	500	7450	1.28	0.63	Threaded Body	Single-Acting	Straight	1.92	2.27	240	CAS351	AW90	FN801	12.1