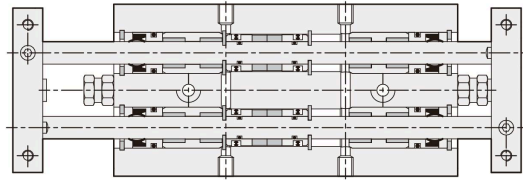


STX series - Dual rod cylinder

Operating specification and Ordering expression

CHELIC PNEUMATIC

Internal structure



TD
Dual Rod
Cylinder

TDX
Dual Rod
Cylinder

TDXU
Dual Rod
Cylinder

Theoretical force

Unit : kgf

Bore size mm	Piston rod dia mm	Piston area cm ²	Air pressure (kgf/cm ²)						
			1	2	3	4	5	6	7
Ø10	Ø6	1.0	1.0	2.0	3.0	4.0	5.0	6.0	7.0
Ø16	Ø8	3.0	3.0	6.0	9.0	12.0	15.0	18.0	21.0
Ø20	Ø10	4.72	4.71	9.42	14.1	18.8	23.6	28.3	33.0
Ø25	Ø12	7.54	7.56	15.1	22.7	30.2	37.8	45.4	52.9

Note : Above are theoretical data : please take into consideration the frictional resistance and the mechanical efficiency of value should be added calculation before using. (About 70%~80%)

STU
Dual Rod
Cylinder

STM
Dual Rod
Cylinder

STX
Dual Rod
Cylinder

Specification

Unit : mm

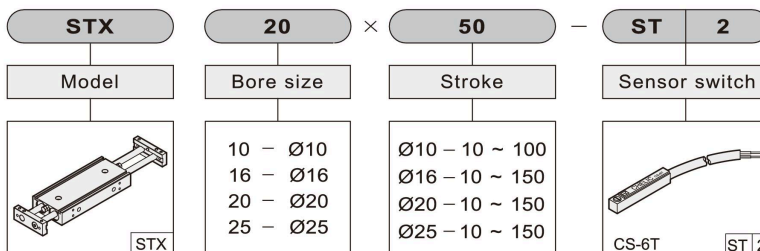
Item	Bore size	Ø10	Ø16	Ø20	Ø25
Operation		Double acting			
Fluid		Air			
Pressure range	kgf / cm ² (kpa)	1 ~ 7 (100 ~ 700)			
Max. service pressure	kgf / cm ² (kpa)	9 (900)			
Operating ambient temperature range	°C	-10 ~ 60			
Range of service speed	mm/sec	50 ~ 500			
Stroke adjusting range		-5 ~ 0			
Port size		M5×0.8		Rc 1/8"	
Sensor device		With magnet			

Standard stroke

Unit : mm

Bore size	Stroke
Ø10	10、20、30、40、50、75、100
Ø16	10、20、30、40、50、75、100、125、150
Ø20	10、20、30、40、50、75、100、125、150
Ø25	10、20、30、40、50、75、100、125、150

How to order



STX :
Dual rod cylinder

None : Without sensor switch

ST : Sensor switch code (CS-6T)

2 : Number of sensor switch

1 = 1 PCS

2 = 2 PCS (Option)