

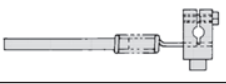
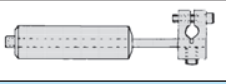
3SE03 North American Limit Switches

Modular, plug-in and NEMA type 6P submersible

Levers for plug-in and non-plug-in versions—most widely used

Operator		Length ^① Inches (mm)	Roller			Min. required return torque oz-in ^⑤	Catalog Number			
			Type	Diameter In. (mm)	Face width in. (mm)		DT	Stainless steel	Cast aluminum	List Price \$ 1 unit
Roller levers										
	Roller on reverse side	1.50 (38)	Nylatron Nylatron Ball bearing	0.75 (19) 1.5 (38) 0.69 (17)	0.31 (8) 0.28 (7) 0.25 (6)	0.53 0.96 0.77	▶ —	— 3SX03-KL310 3SX03-KL536 3SX03-KL580		
	Offset lever (Inboard roller shown)	1.50 (38) Inboard roller	Nylatron	0.75 (19)	0.31 (8)	0.65	▶	3SX03-KL24	—	
			Metal	0.75 (19)	0.31 (8)	1.20	▶	3SX03-KL25	—	
		1.50 (38) outboard roller	Nylatron	0.75 (19)	0.31 (8)	0.65	▶	3SX03-KL27	—	
			Metal	0.75 (19)	0.31 (8)	1.20		3SX03-KL28	—	
			Ball bearing	0.69 (17)	0.25 (6)	0.90		3SX03-KL29	—	
			Nylatron	0.75 (19)	1 (25)	1.10		3SX03-KL30	—	
	Bantam lever	0.69 (18)	Metal	0.88 (22)	0.19 (5)	0.45	▶	3SX03-KL532		
	Precision adjustment	1.50 (38) ^②	Nylatron	0.75 (19)	0.31 (8)	0.65	▶	3SX03-KL340		
			Metal	0.75 (19)	0.31 (8)	1.20		3SX03-KL465		
			Ball bearing	0.69 (17)	0.25 (6)	0.90		3SX03-KL535		
	Adjustable roller	1–3.75 (25–95) ^③	Nylatron	0.75 (19)	0.5 (13)	1.90 ^④	▶ ▶ ▶	3SX03-KL599		
		1–3.75 (25–95) ^③	Nylatron	0.75 (19)	1 (25)	3.10 ^④		3SX03-KL537		
		1.62–3.75 (41–95) ^③	Nylatron	1.5 (38)	0.28 (7)	2.50 ^④		3SX03-KL443		
		0.50–3.75 (13–95)	Large nylatron	4 (102)	0.11 (3)	4.50 ^④		3SX03-KL598		
		1–3.75 (25–95) ^③	Ball bearing	0.69 (17)	0.25 (6)	2.50 ^④		3SX03-KL539		
		0.50–3.75 (13–95)	Without roller	—	—	1.20 ^④		3SX03-KL31		
	Fork lever _ both rollers one side	1.50 (38)	Nylatron	0.75 (19)	1 (25)	—	▶ ▶	3SX03-KL543		
			Metal	0.75 (19)	0.31 (8)	—		3SX03-KL544		
			Ball bearing	0.69 (17)	0.25 (6)	—		3SX03-KL545		
	Fork lever _ both rollers outside, one side	1.50 (38)	Nylatron	0.75 (19)	0.31 (8)	—	▶	3SX03-KL203		
			Metal	0.75 (19)	0.31 (8)	—		3SX03-KL541		
			Ball bearing	0.69 (17)	0.25 (6)	—		3SX03-KL542		

Levers for plug-in and non-plug-in versions:

Operator		Length ^① Inches (mm)	Description Inches (mm)	Min. required return force oz-in. ^⑤	DT	Catalog Number	List Price \$ 1 unit
	Adjustable rod	5.50 (140) Max.	Nylon Rod—0.19 (5) Dia.	0.40 ^④	▶	3SX03-KL399	
		5.50 (140) Max.	Metal Rod—0.12 (3) Dia.	0.92 ^④	▶	3SX03-KL202	
		8.75 (222) Max.	Metal Rod (Square)—0.12 (3) Max.	2.20 ^④	▶	3SX03-KL581	
		12 (305) Max.	Steel (Formable) Rod—0.12 (3) Dia.	5.00 ^④	▶	3SX03-KL226	
		—	Clamp Only—0.19 (5) Hole	—	▶	3SX03-KL35	
		—	Clamp Only—0.12 (3) Hole	—		3SX03-KL36	
	Spring rod	11.62 (295)	Metal rod	2.80		3SX03-KL421	
	Adjustable wire	12.12 (308) max.	Nylon covered wire	1.50 ^④	▶	3SX03-KL533	
	Adjustable wide roller lever	3.9 (99)	0.75 (19) Dia. Nylatron Roller 0.19 (30) Dia. Rod	4.50 ^④	▶	3SX03-KL37	
Wobble head operators							
See dimensions page 13/76	Stainless steel rod	—	Rod diameter - 0.06 (2)	—	▶	3SX03-KW3	

① Length from operating shaft axis to the roller axis.

② Maximum dimensions, precision adjustable to lesser dimensions.

③ By re-assembling lever minimum can be reduced by 1/2 in.

④ Applies when lever extended to maximum dimension.

⑤ Caution—When selecting lever, required return torque should not exceed minimum return force in operating head.

All dimensions shown in inches and (millimeters). For reference purposes only. Not to be used for design or construction purposes.