




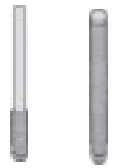



Levers for plug-in and non-plug-in versions—most widely used

Description		Length ^①	Roller mounted on side of lever	Roller material	Roller diameter	Roller face width	Max required return torque (oz-in.) ^②	Catalog Number	List Price \$ 1 unit
	Roller crank lever ^③	1.5 (38)	Front	Nylatron	0.75 (19)	0.31 (8)	0.53	3SX03-KL200	13.00
		1.5 (38)	Front	Cast aluminum	0.75 (19)	0.31 (8)	1.10	3SX03-KL355	13.00
		1.5 (38)	Back	Cast aluminum	0.75 (19)	0.31 (8)	1.10	3SX03-KL579	13.00
	Fork lever	1.5 (38)	Back / back	Nylatron	0.75 (19)	0.31	-	3SX03-KL204	20.00
	Adjustable radius lever ^④	1-3.5 (25-89)	Front	Nylatron	0.75 (19)	0.31 (8)	1.90 ^⑤	3SX03-KL201	16.00
		1-3.5 (25-89)	Front	Metal	0.75 (19)	0.31 (8)	3.40 ^⑤	3SX03-KL538	16.00
	Rod lever	9 (229)	-	Stainless steel	-	-	7.00 ^⑤	3SX03-KL220	16.00
	Adjustable spring rod	12.125 (308)	-	Nylon	-	-	3.50 ^⑤	3SX03-KL556	16.00
	Flexible loop lever	6 (152)	-	Nylatron	-	-	0.40	3SX03-KL142	16.00
Levers									
	Rod	-	-	Nylon	-	-	-	3SX03-KW2	13.00
	Coil spring	-	-	Coil spring	-	-	-	3SX03-KW4	13.00
	For plunger actuated switches wobble actuators	⑥							

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

Operator	Length ^①	Roller			Max required return torque (oz-in.) ^②	Catalog Number		List Price \$ 1 unit
		Type	Diameter	Face (width)		Stainless steel	Cast aluminum	
	0.87 (22)	Metal	0.75 (19)	0.31 (8)	0.62	-	3SX03-KL39	13.00
	1.37 (35)	Metal	0.75 (19)	0.31 (8)	0.95	-	3SX03-KL40	13.00
	1.50 (38)	Nylatron	0.75 (19)	1.00 (25)	0.92	-	3SX03-KL337	22.00
		Ball bearing	0.69 (17)	0.25 (6)	0.77	-	3SX03-KL531	31.00
		Without roller	-	-	0.32	-	3SX03-KL32	9.00
	2.00 (51)	Nylatron	0.75 (19)	0.31 (8)	0.71	-	3SX03-KL546	22.00
		Nylatron	0.75 (19)	1.00 (25)	1.45	-	3SX03-KL572	31.00
		Metal	0.75 (19)	0.31 (8)	1.5	-	3SX03-KL549	22.00
		Ball bearing	0.69 (17)	0.25 (6)	1.1	-	3SX03-KL552	31.00
	250 (64)	Nylatron	0.75 (19)	0.31 (8)	1.0	-	3SX03-KL547	22.00
Nylatron		0.75 (19)	1.00 (25)	1.8	-	3SX03-KL573	31.00	
Nylatron		1.5 (38)	0.28 (7)	1.4	-	3SX03-KL575	31.00	
Metal		0.75 (19)	0.31 (8)	2.0	-	3SX03-KL550	22.00	
Ball bearing		0.69 (17)	0.25 (6)	1.5	-	3SX03-KL553	31.00	
Cast aluminum	3.00 (76)	Nylatron	0.75 (19)	0.31 (8)	1.3	-	3SX03-KL548	22.00
		Nylatron	0.75 (19)	1.00 (25)	2.3	-	3SX03-KL574	31.00
		Nylatron	1.5 (38)	0.28 (7)	1.8	-	3SX03-KL576	31.00
		Metal	0.75 (19)	0.31 (8)	2.5	-	3SX03-KL551	22.00
		Ball bearing	0.69 (17)	0.25 (6)	1.8	-	3SX03-KL554	31.00

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

① Roller lever: Length from the operating shaft axis to the roller axis.
All other: Length from the operating shaft axis to the tip.

② Caution—When selecting lever, required return torque should not exceed minimum return torque in operating head.

③ Cap screw accommodates 3/64 inch Allen wrench.

④ By re-assembling lever minimum can be reduced another 0.50 (13).



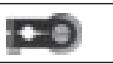




⑤ Applies when lever extended to maximum dimension.
⑥ See dimensions page 13/128.

3SE03 North American Limit Switches


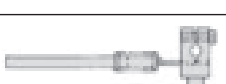

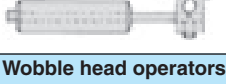
Selection

**Non-safety
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)		Stainless steel	Cast aluminum	List Price \$ 1 unit	
Roller levers									
	Roller on reverse side	1.50 (38)	Nylatron	0.75 (19)	0.31 (8)	0.53	—	3SX03-KL310	13.00
			Nylatron	1.5 (38)	0.28 (7)	0.96	—	3SX03-KL536	22.00
			Ball bearing	0.69 (17)	0.25 (6)	0.77	—	3SX03-KL580	31.00
	Offset lever (Inboard roller shown)	1.50 (38) Inboard roller	Nylatron	0.75 (19)	0.31 (8)	0.65	3SX03-KL24	—	13.00
			Metal	0.75 (19)	0.31 (8)	1.20	3SX03-KL25	—	13.00
			Ball bearing	0.69 (17)	0.25 (6)	0.90	3SX03-KL26	—	27.00
		1.50 (38) outboard roller	Nylatron	0.75 (19)	0.31 (8)	0.65	3SX03-KL27	—	13.00
			Metal	0.75 (19)	0.31 (8)	1.20	3SX03-KL28	—	13.00
			Ball bearing	0.69 (17)	0.25 (6)	0.90	3SX03-KL29	—	27.00
Nylatron	0.75 (19)	1 (25)	1.10	3SX03-KL30	—	22.00			
	Bantam lever	0.69 (18)	Metal	0.88 (22)	0.19 (5)	0.45	—	3SX03-KL532	31.00
	Precision adjustment	1.50 (38) ^②	Nylatron	0.75 (19)	0.31 (8)	0.65	—	3SX03-KL340	66.00
			Metal	0.75 (19)	0.31 (8)	1.20	—	3SX03-KL465	66.00
			Ball bearing	0.69 (17)	0.25 (6)	0.90	—	3SX03-KL535	66.00
	Adjustable roller	1–3.75 (25–95) ^③ 1–3.75 (25–95) ^③ 1.62–3.75 (41–95) ^③ 0.50–3.75 (13–95) 1–3.75 (25–95) ^③ 0.50–3.75 (13–95)	Nylatron	0.75 (19)	0.5 (13)	1.90 ^④	—	3SX03-KL599	31.00
			Nylatron	0.75 (19)	1 (25)	3.10 ^④	—	3SX03-KL537	31.00
			Nylatron	1.5 (38)	0.28 (7)	2.50 ^④	—	3SX03-KL443	31.00
			Large nylatron	4 (102)	0.11 (3)	4.50 ^④	—	3SX03-KL598	49.00
			Ball bearing	0.69 (17)	0.25 (6)	2.50 ^④	—	3SX03-KL539	31.00
			Without roller	—	—	1.20 ^④	—	3SX03-KL31	18.00
	Fork lever _ both rollers one side	1.50 (38)	Nylatron	0.75 (19)	1 (25)	—	—	3SX03-KL543	39.00
			Metal	0.75 (19)	0.31 (8)	—	—	3SX03-KL544	31.00
			Ball bearing	0.69 (17)	0.25 (6)	—	—	3SX03-KL545	40.00
	Fork lever _ both rollers outside, one side	1.50 (38)	Nylatron	0.75 (19)	0.31 (8)	—	—	3SX03-KL203	16.00
			Metal	0.75 (19)	0.31 (8)	—	—	3SX03-KL541	22.00
			Ball bearing	0.69 (17)	0.25 (6)	—	—	3SX03-KL542	40.00

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

Operator		Length ^① Inches (mm)	Description Inches (mm)	Min. required return force oz-in. ^⑤	Catalog Number	List Price \$ 1 unit
	Adjustable rod	5.50 (140) Max. 5.50 (140) Max. 8.75 (222) Max. 12 (305) Max. — —	Nylon Rod—0.19 (5) Dia.	0.40 ^④	3SX03-KL399	22.00
			Metal Rod—0.12 (3) Dia.	0.92 ^④	3SX03-KL202	22.00
			Metal Rod (Square)—0.12 (3) Max.	2.20 ^④	3SX03-KL581	22.00
			Steel (Formable) Rod—0.12 (3) Dia.	5.00 ^④	3SX03-KL226	22.00
			Clamp Only—0.19 (5) Hole	—	3SX03-KL35	18.00
			Clamp Only—0.12 (3) Hole	—	3SX03-KL36	18.00
	Spring rod	11.62 (295)	Metal rod	2.80	3SX03-KL421	22.00
	Adjustable wire	12.12 (308) max.	Nylon covered wire	1.50 ^④	3SX03-KL533	22.00
	Adjustable wide roller lever	3.9 (99)	0.75 (19) Dia. Nylatron Roller 0.19 (30) Dia. Rod	4.50 ^④	3SX03-KL37	49.00
Wobble head operators						
See dimensions page 13/128	Stainless steel rod	—	Rod diameter - 0.06 (2)	—	3SX03-KW3	9.00

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.