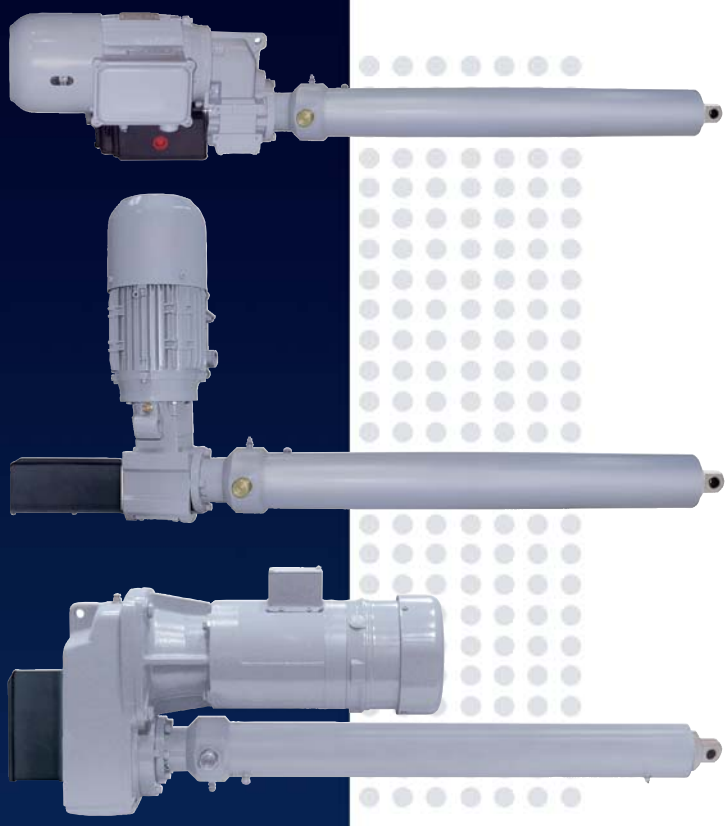
SCN25 SERIES

25 Ton

222 kN



Specifications

CAPACITY	**SPEEDS**
25 Ton (222 kN)	Up to 259.7 in/min (6,596 mm/min)
BRAKE MOTOR	**STROKES**
TEFC 230/460 Vac, 3 ph, 60 Hz	Up to 161 in (4,089 mm)
TEMPERATURE RANGE	
0°F to 120°F (-18°C to 50°C)*	

* For other temperatures please consult the factory

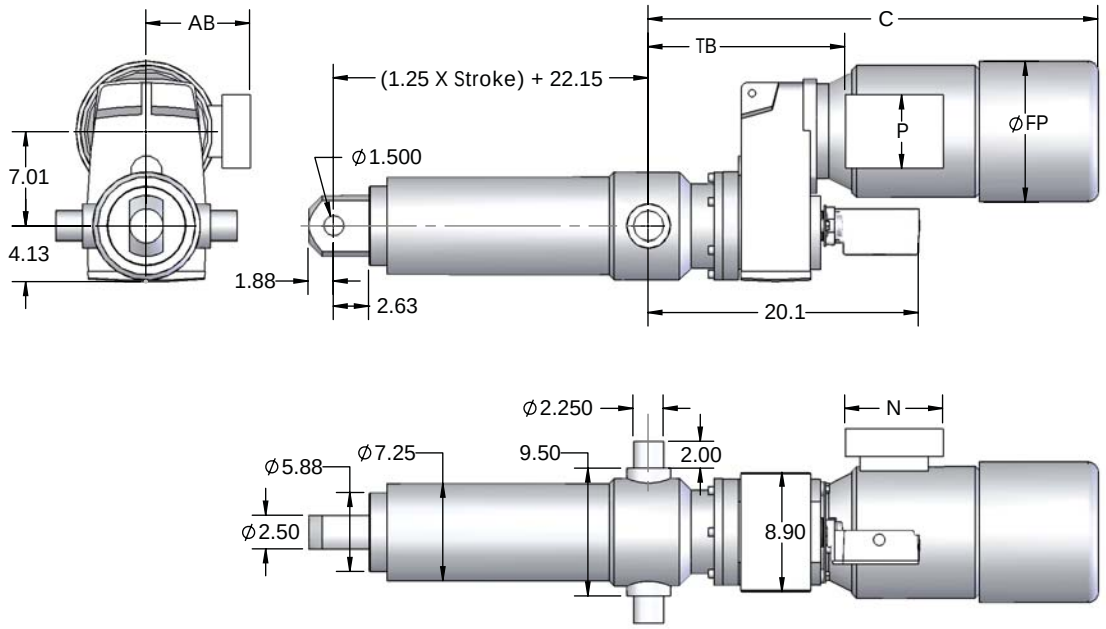
Features & Benefits

- Easy to install - reduces installation costs
- Custom designed for your application
- Low maintenance design - easy to maintain after installation
- Long product life expectancy
- Ball screw
- Ductile iron housing
- Chrome plated translating tube
- Adjustable end of stroke limit switches
- Clevis and trunnion mounting
- Motor configuration include: parallel, right angle and off set

Options

- Food grade component options available
- Explosion proof motor and limit switch
- Product designs for outdoor applications
- Manual override
- Other special packages are available upon your application needs

Motor HP	C	FP	AB	TB	N	P
.33 - .50	23.19	5.71	5.24	14.05	5.20	3.43
.75 - 1.0	24.41	6.50	5.63	14.13	6.02	4.25
1.5 - 2.0	26.45	7.20	5.83	14.33	6.02	4.25
3.0 - 5.0	28.27	7.91	6.26	14.57	6.02	4.25
7.5 - 10	33.19	10.47	7.72	14.37	7.28	5.47



25 Ton Electric Cylinder (SCN) - Off Set Motor

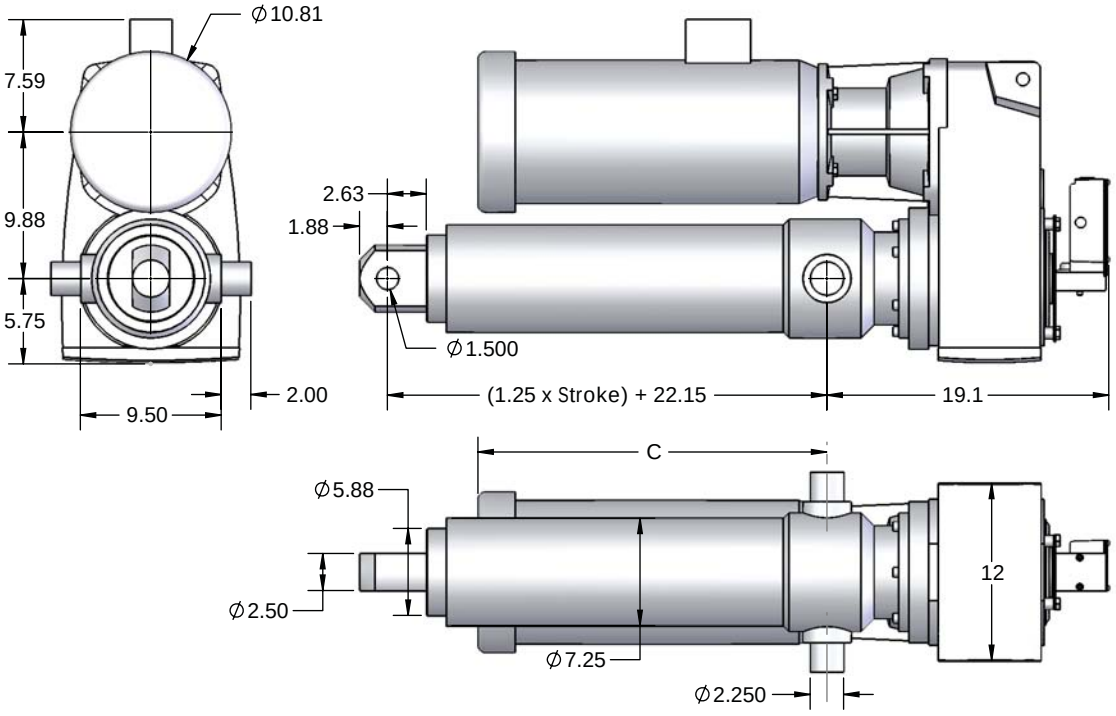
PRODUCT INFORMATION

Part Number	Rated Load		Standard Stroke Lengths		Retracted Length	Speed		Max Stroke		Motor		Approx. Weight	Weight Adder per inch of stroke
	lbs	N	in	mm	in (mm)	in/min	mm/min	in	mm	HP	kW		
NZ25-0448	14,005	62,298	6, 12, 18, 24, 36	152, 304, 457, 609, 914	22.15 (562) + (1.25 x stroke)	250.4	6360.0	161	4,089	10	7.40	Contact factory for exact weights	
NZ25-2371	22,236	98,912				47.3	1202.0	161	4,089	3	2.23		
NZ25-1667	26,057	115,905				67.3	1709.0	161	4,089	5	3.72		
NZ25-1138	26,682	118,686				98.6	2504.0	161	4,089	7-1/2	5.50		
NZ25-0980	30,637	136,277				114.5	2908.0	161	4,089	10	7.40		
NZ25-1411	33,083	147,158				79.5	2019.0	160	4,064	7-1/2	5.50		
NZ25-2245	35,091	156,092				50.0	1269.0	155	3,937	5	3.72		
NZ25-12693	39,681	176,506				8.8	224.0	146	3,708	1	0.74		
NZ25-6412	40,090	178,328				17.5	444.0	145	3,683	2	1.49		
NZ25-40858	42,151	187,494				2.7	70.0	141	3,581	1/3	0.25		
NZ25-19069	44,710	198,877				5.9	149.0	137	3,479	3/4	0.56		
NZ25-28714	44,883	199,645				3.9	99.0	137	3,479	1/2	0.37		
NZ25-10088	47,305	210,422				11.1	282.0	133	3,378	1-1/2	1.12		
NZ25-5297	49,678	220,977				21.2	538.0	130	3,302	3	2.23		
NZ25-48256	49,783	221,442				2.3	59.0	130	3,302	1/3	0.25		
NZ25-23083	50,000	222,409				4.9	123.0	125	3,175	3/4	0.56		
NZ25-16146	50,000	222,409				6.9	176.0	129	3,076	1	0.74		
NZ25-11223	50,000	222,409				10.0	254.0	127	3,225	1-1/2	1.12		
NZ25-8874	50,000	222,409				12.6	321.0	123	3,124	2	1.49		

Consult factory for additional speeds and capacities
Stroke lengths are available in 1" increments, please contact factory for details

SCN25 SERIES

Motor HP	C
1/2 - 3/4	14.12
1	14.62
1 - 1/2	15.80
2	16.80
3	16.86
5	17.31
7.5	22.79
10	25.49

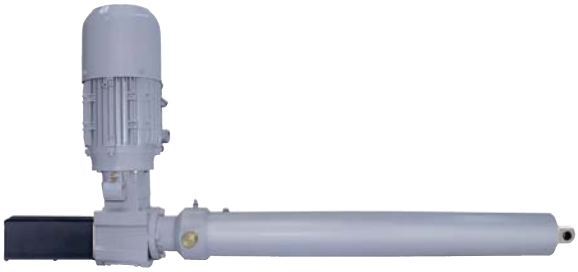


25 Ton Electric Cylinder (SCN) - Parallel Motor

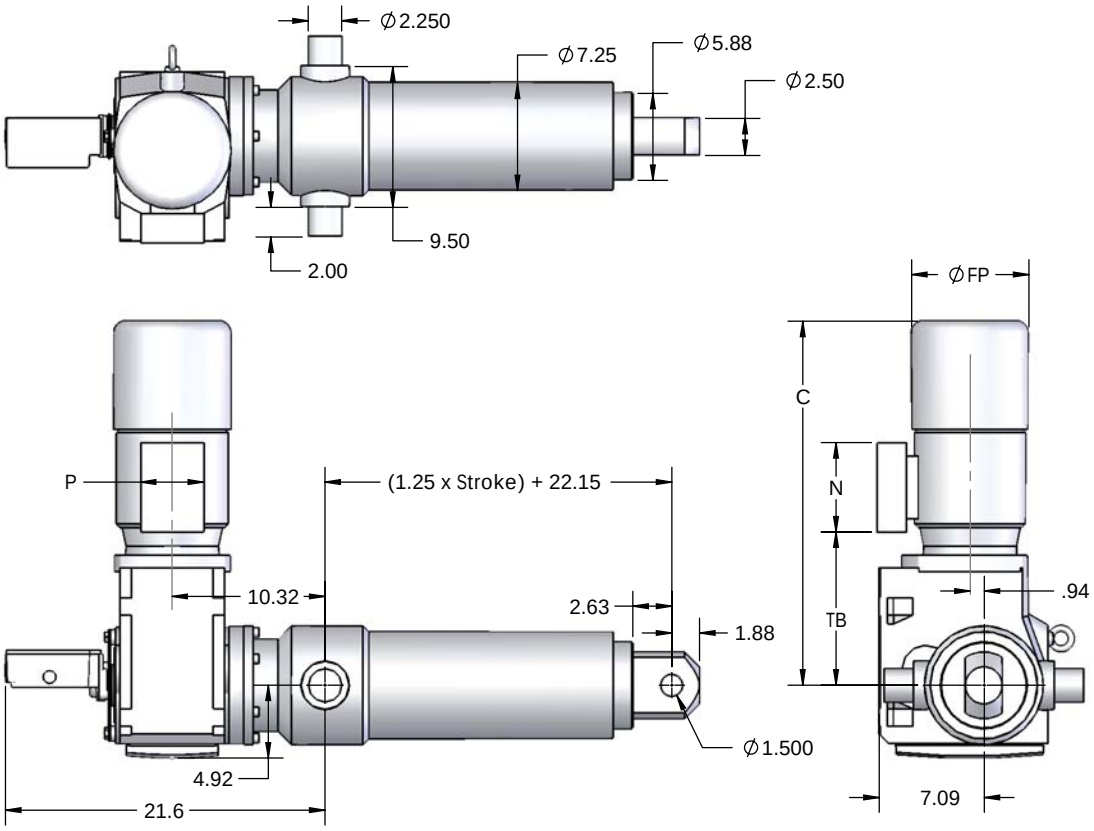
PRODUCT INFORMATION

Part Number	Rated Load		Standard Stroke Lengths		Retracted Length	Speed		Max Stroke		Motor		Approx. Weight	Weight Adder per inch of stroke
	lbs	N	in	mm	in (mm)	in/min	mm/min	in	mm	HP	kW		
NU25-0432	13,505	60,073	6, 12, 18, 24, 36	152, 304, 457, 609, 914	22.15 (562) + (1.25 x stroke)	259.7	6596.0	161	4,089	10	7.40	Contact factory for exact weights	
NU25-3050	28,605	127,238				36.8	934.0	161	4,089	3	2.23		
NU25-2036	31,824	141,561				55.1	1400.0	161	4,089	5	3.72		
NU25-1538	36,060	160,403				73.0	1853.0	153	3,886	7-1/2	5.50		
NU25-1300	40,640	180,775				86.3	2192.0	144	3,657	10	7.40		
NU25-13403	41,900	186,379				8.4	213.0	142	3,606	1	0.74		
NU25-1888	44,267	196,906				59.4	1509.0	138	3,505	7-1/2	5.50		
NU25-10019	46,982	208,983				11.2	284.0	134	3,403	1-1/2	1.12		
NU25-8161	50,000	222,409				13.7	349.0	129	3,276	2	1.49		
NU25-5555	50,000	222,409				20.2	513.0	127	3,225	3	2.23		

Consult factory for additional speeds and capacities
Stroke lengths are available in 1" increments, please contact factory for details



Motor HP	C	FP	AB	TB	N	P
.33 - .50	19.47	5.71	5.24	9.82	5.20	3.43
.75 - 1.0	20.69	6.50	5.63	9.90	6.02	4.25
1.5 - 2.0	22.73	7.20	5.83	10.09	6.02	4.25
3.0 - 5.0	24.55	7.91	6.26	10.33	6.02	4.25
7.5 - 10	29.47	10.47	7.72	10.13	7.28	5.47



25 Ton Electric Cylinder (SCN) - Right Angle Motor

PRODUCT INFORMATION

Part Number	Rated Load		Standard Stroke Lengths		Retracted Length	Speed		Max Stroke		Motor		Approx. Weight	Weight Adder per inch of stroke
	lbs	N	in	mm	in (mm)	in/min	mm/min	in	mm	HP	kW		
NL25-0848	26,510	117,921	6, 12, 18, 24, 36	152, 304, 457, 609, 914	22.15 (562) + (1.25 x stroke)	132.3	3360.0	161	4,089	10	7.40	Contact factory for exact weights	
NL25-2023	31,621	140,657				55.5	1409.0	161	4,089	5	3.72		
NL25-3561	33,397	148,556				31.5	800.0	159	4,038	3	2.23		
NL25-1708	40,046	178,133				65.7	1668.0	145	3,683	7-1/2	5.50		
NL25-6408	40,065	178,217				17.5	445.0	145	3,683	2	1.49		
NL25-13944	43,591	193,900				8.0	204.0	139	3,530	1	0.74		
NL25-29585	46,244	205,701				3.8	96.0	135	3,429	1/2	0.37		
NL25-19745	46,295	205,927				5.7	144.0	135	3,429	3/4	0.56		
NL25-2966	46,361	206,223				37.8	961.0	135	3,429	5	3.72		
NL25-1573	49,175	218,738				71.3	1811.0	131	3,327	10	7.40		
NL25-11077	50,000	222,409				10.1	257.0	127	3,225	1-1/2	1.12		
NL25-9350	50,000	222,409				12.0	305.0	120	3,048	2	1.49		
NL25-5917	50,000	222,409				19.0	482.0	123	3,124	3	2.23		

Consult factory for additional speeds and capacities
Stroke lengths are available in 1" increments, please contact factory for details