

PRODUCT INFORMATION:

1. HARD ANODIZED ALUMINUM HOUSING
2. "VERSA-VIEW" CONTINUOUS MECHANICAL POSITION INDICATOR
3. BI-DIRECTIONAL STROKE ADJUSTMENT
4. 1/4" AND 1/2" NPT AIR INLET MANIFOLD
5. TOPWORKS AND AIR CONNECTION DIMENSIONS IN ACCORDANCE WITH NAMUR VDI/VDE 3845

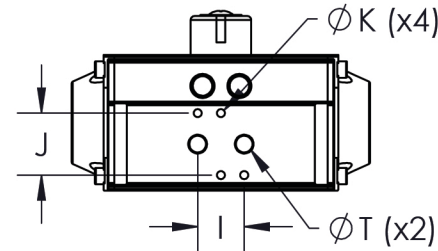
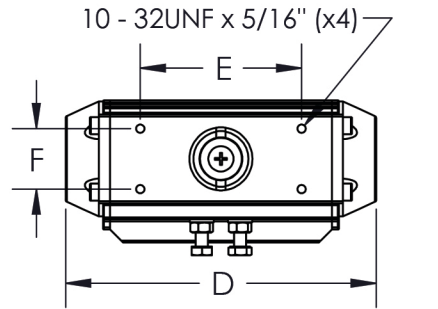
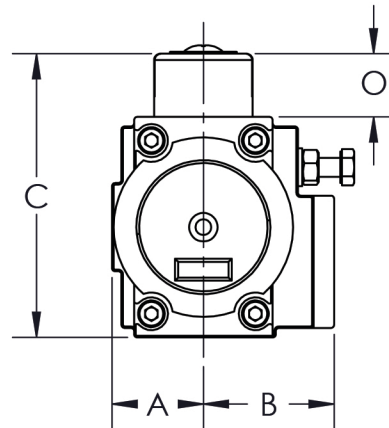
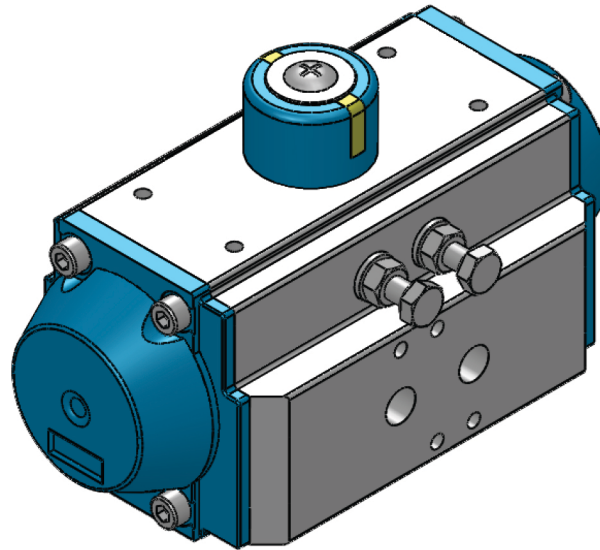
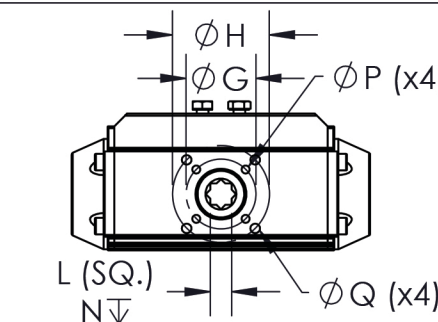
OPTIONS:

1. DOUBLE ACTING
2. SPRING RETURN

APPLICABLE STANDARDS:

1. ISO 5211: MOUNTING (BOTTOMWORKS)
2. ANSI B1.20.1: NPT
3. NAMUR VDI/VDE 3845

MODEL	A	B	C	D	E	F	ØG	ØH	I	J	ØK	L	N (DEPTH)	ØP	ØQ	O	ØT	ISO 5211
50	1.15 (29)	1.63 (41)	3.55 (90)	6.06 (154)	3.15 (80)	1.18 (30)	1.42 (36)	1.97 (50)	0.945 (24)	1.26 (32)	#10-24UNC x 0.31	0.43 (11)	0.47 (12)	#10-24UNC x 0.29	1/4"-20UNC x 0.35	0.79 (20)	1/4" NPT	F03/05
65	1.49 (38)	2.03 (52)	4.29 (109)	7.44 (189)	3.15 (80)	1.18 (30)	1.97 (50)	2.76 (70)	0.945 (24)	1.26 (32)	#10-24UNC x 0.31	0.55 (14)	0.63 (16)	1/4"-20UNC x 0.35	5/16"-18UNC x 0.47	0.79 (20)	1/4" NPT	F05/07
75	1.72 (44)	2.32 (59)	4.73 (120)	8.27 (210)	3.15 (80)	1.18 (30)	1.97 (50)	2.76 (70)	0.945 (24)	1.26 (32)	#10-24UNC x 0.31	0.55 (14)	0.63 (16)	1/4"-20UNC x 0.35	5/16"-18UNC x 0.47	0.79 (20)	1/4" NPT	F05/07
85	1.93 (49)	2.50 (64)	5.24 (133)	9.02 (229)	3.15 (80)	1.18 (30)	1.97 (50)	2.76 (70)	0.945 (24)	1.26 (32)	#10-24UNC x 0.31	0.67 (17)	0.75 (19)	1/4"-20UNC x 0.35	5/16"-18UNC x 0.47	0.79 (20)	1/4" NPT	F05/07
95	2.16 (55)	2.80 (71)	5.63 (143)	10.39 (264)	3.15 (80)	1.18 (30)	1.97 (50)	2.76 (70)	0.945 (24)	1.26 (32)	#10-24UNC x 0.31	0.67 (17)	0.75 (19)	1/4"-20UNC x 0.35	5/16"-18UNC x 0.47	0.79 (20)	1/4" NPT	F05/07
110	2.44 (62)	3.01 (76)	6.14 (156)	10.47 (266)	3.15 (80)	1.18 (30)	2.76 (70)	4.02 (102)	0.945 (24)	1.26 (32)	#10-24UNC x 0.31	0.67 (17)	0.75 (19)	5/16"-18UNC x 0.47	3/8"-16UNC x 0.59	0.79 (20)	1/4" NPT	F07/10
125	2.83 (72)	3.35 (85)	7.52 (191)	13.27 (337)	3.15 (80)	1.18 (30)	2.76 (70)	4.02 (102)	0.945 (24)	1.26 (32)	#10-24UNC x 0.31	0.86 (22)	0.98 (25)	5/16"-18UNC x 0.47	3/8"-16UNC x 0.59	1.18 (30)	1/4" NPT	F07/10
140	3.19 (81)	3.82 (97)	8.19 (208)	14.84 (377)	3.15 (80)	1.18 (30)	4.02 (102)	4.92 (125)	0.945 (24)	1.26 (32)	#10-24UNC x 0.31	1.06 (27)	1.22 (31)	3/8"-16UNC x 0.59	1/2"-13UNC x 0.71	1.18 (30)	1/4" NPT	F10/12
160	3.55 (90)	4.17 (106)	9.05 (230)	16.22 (412)	5.12 (130)	1.18 (30)	4.02 (102)	4.92 (125)	0.945 (24)	1.26 (32)	#10-24UNC x 0.31	1.06 (27)	1.22 (31)	3/8"-16UNC x 0.59	1/2"-13UNC x 0.71	1.18 (30)	1/4" NPT	F10/12
190	4.11 (104)	4.41 (112)	10.31 (262)	19.21 (488)	5.12 (130)	1.18 (30)	4.02 (102)	5.51 (140)	0.945 (24)	1.26 (32)	#10-24UNC x 0.31	1.42 (36)	1.65 (42)	4-3/8"-16UNC x 0.59	4-5/8"-11UNC x 0.94	1.18 (30)	1/4" NPT	F10/14
210	4.55 (116)	4.72 (120)	11.22 (285)	21.65 (550)	5.12 (130)	1.18 (30)	N/A	5.51 (140)	0.945 (24)	1.26 (32)	#10-24UNC x 0.31	1.42 (36)	1.65 (42)	N/A	4-5/8"-11UNC x 0.94	1.18 (30)	1/4" NPT	F14
240	5.15 (131)	5.16 (131)	12.68 (322)	23.70 (602)	5.12 (130)	1.18 (30)	N/A	6.50 (165)	1.575 (40)	1.77 (45)	1/4"-20UNC x 0.38	1.80 (46)	1.97 (50)	N/A	4-3/4"-10UNC x 1.10	1.18 (30)	1/2" NPT	F16
270	5.80 (147)	5.81 (148)	14.21 (361)	26.46 (672)	5.12 (130)	1.18 (30)	N/A	6.50 (165)	1.575 (40)	1.77 (45)	1/4"-20UNC x 0.38	1.80 (46)	1.97 (50)	N/A	4-3/4"-10UNC x 1.10	1.18 (30)	1/2" NPT	F16
300	6.38 (162)	6.81 (173)	15.12 (384)	30.87 (784)	5.12 (130)	1.18 (30)	N/A	6.50 (165)	1.575 (40)	1.77 (45)	1/4"-20UNC x 0.38	1.80 (46)	1.97 (50)	N/A	4-3/4"-10UNC x 1.10	1.18 (30)	1/2" NPT	F16
350	7.48 (190)	7.68 (195)	17.32 (440)	33.27 (845)	5.12 (130)	1.18 (30)	6.50 (165)	10.00 (254)	1.575 (40)	1.77 (45)	1/4"-20UNC x 0.38	1.80 (46)	1.97 (50)	4-3/4"-10UNC x 1.10	8-5/8"-11UNC x 1.19	1.18 (30)	1/2" NPT	F16/25
400	10.23 (260)	10.24 (260)	19.53 (496)	37.64 (956)	5.12 (130)	1.18 (30)	N/A	10.00 (254)	1.575 (40)	1.77 (45)	1/4"-20UNC x 0.38	2.20 (56)	2.36 (60)	N/A	8-5/8"-11UNC x 1.19	1.18 (30)	1/2" NPT	F25

TOPWORKS**BOTTOMWORKS**

ITEM NO.	DESCRIPTION	MATERIALS	QTY.
1	BODY	ALUMINUM ALLOY HARD ANODIZED	1
2	LEFT END CAP	ALUMINUM ALLOY	1
3	DRIVE SHAFT	ALLOY STEEL & NICKEL PLATED	1
4	RIGHT END CAP	ALUMINUM ALLOY	1
5	STROKE ADJUSTMENT STOP	ALLOY STEEL	1
6	THRUST BEARING (PINION TOP)	POM + PTFE	1
7	THRUST BEARING	POM + PTFE	1
8	THRUST WASHER	STAINLESS STEEL	1
9	PISTON	ALUMINUM ALLOY	2
10	CAP SCREW (END CAP)	STAINLESS STEEL	8
11	STOP TOP SCREW	STAINLESS STEEL	2
12	NUT (STOP SCREW)	STAINLESS STEEL	2
13	Washer (Stop Screw)	STAINLESS STEEL	1
14	SPRING CLIP	SPRING STEEL	1
15	INDICATOR CAP	POM + PTFE	1
16	INDICATION THRUST BEARING	STAINLESS STEEL	1
17	CAP SCREW (END CAP)	STAINLESS STEEL	1
18	POSITION INDICATOR	NYLON	2
19	O-RING (STOP SCREW)	NBR VITON SILASTIC	2
20	O-RING (PISTON)	NBR VITON SILASTIC	2
21	O-RING (PINION BOTTOM)	NBR VITON SILASTIC	1
22	O-RING (PINION TOP)	NBR VITON SILASTIC	1
23	BEARING (PINION TOP)	POM + PTFE	1
24	BEARING (PISTON HEAD)	POM + PTFE	2
25	BEARING (PINION BOTTOM)	POM + PTFE	1
26	WEAR BAND	POM + PTFE	2
27	SPRING SEAT	POM + PTFE	-
28	SPRING	HIGH CARBON STEEL	-
29	PLUG	NBR VITON SILASTIC	10
30	O-RING (END CAP)	NBR VITON SILASTIC	2

DRAWN BY C.L.	DATE 06/15/2017
CHECKED BY C.L.	DATE 06/29/2021
APPROVED BY J.S. (FOR REPRODUCTION NOT APPROVED)	DATE 06/29/2021

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DESCRIPTION:

EZ-TORK PNEUMATIC ACTUATOR

UNITS: INCH (MILLIMETERS)	DATE: 06/26/2021	REV: D
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