

PRODUCT INFORMATION
ACT. SIZE: 633

DIMENSIONS FOR DOUBLE ACTING
AND SPRING RETURN ARE
IDENTICAL

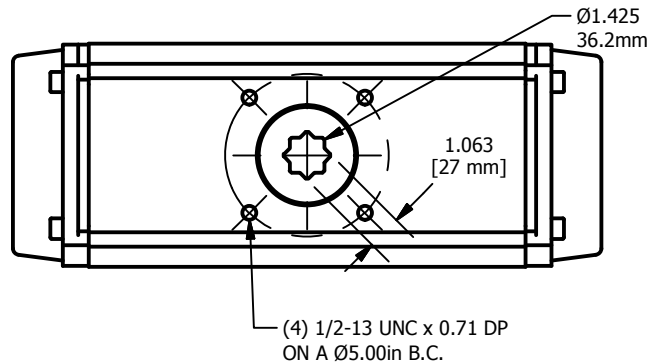
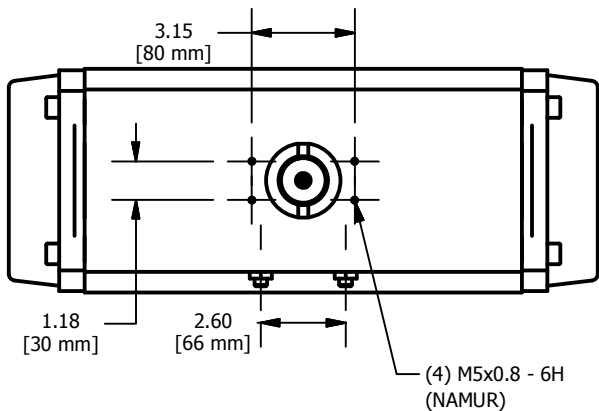
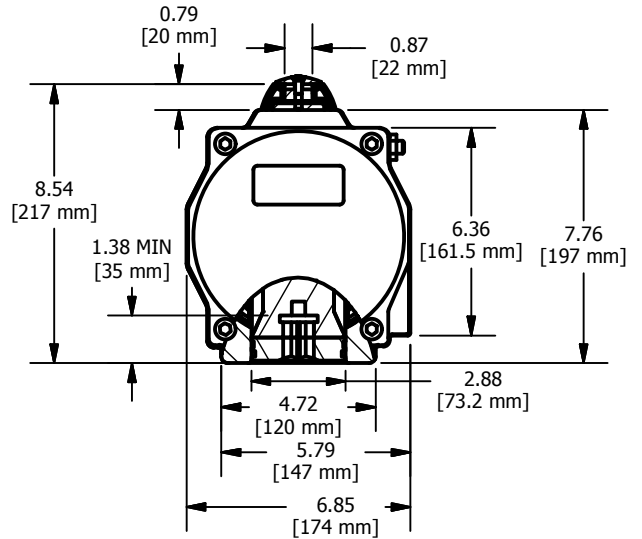
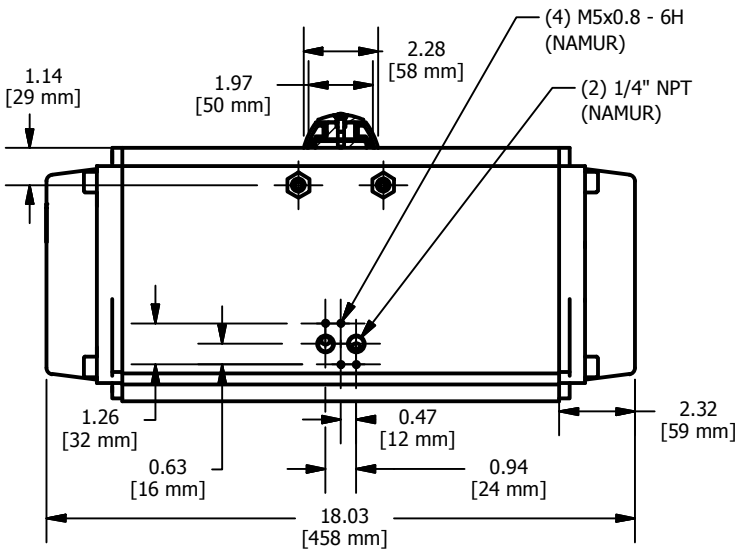
WEIGHT: 45.05lbs + (K x 0.65lbs)
K = 2, 4, ..., 12 (K=0 FOR DA)
AIR CONSUMPTION: 8.22N.lt/cycle

Spring Return Torques (in-lbs)

UniTorq Size	Spring Designation	Actuator Air Torques										Actuator Spring Torques	
		40PSI		60PSI		80PSI		100PSI		120PSI		Start	End
		Start	End	Start	End	Start	End	Start	End	Start	End		
633	K11	2680	2438	4255	4013	5829	5587	7404	7162	8979	8737	712	469
	K22	2210	1726	3785	3301	5360	4876	6935	6450	8509	8025	1423	939
	K33	1741	1014	3316	2589	4890	4164	6465	5739	8040	7313	2135	1408
	K44	1272	303	2846	1877	4421	3452	5996	5027	7570	6602	2847	1878
	K55	-	-	2377	1166	3951	2741	5526	4315	7101	5890	3558	2347
	K66	-	-	1907	454	3482	2029	5057	3604	6631	5178	4270	2817

Double Acting Torques (in-lbs)

UniTorq Size	Air Supply Pressure										
	30PSI	40PSI	50PSI	60PSI	70PSI	80PSI	90PSI	100PSI	110PSI	120PSI	
633	2374	3166	3957	4749	5540	6332	7123	7914	8706	9497	



DESCRIPTION

**UNITORQ ACTUATORS "IM"
SERIES, SIZE 633 ENVELOPE
DIMENSIONS & NAMUR
MOUNTING PATTERNS**

NOTICE:

THIS DRAWING INCLUDES THE DESIGN AND PRINCIPLES DISCLOSED AND IS THE SOLE PROPERTY OF UNITORQ AND ITS AFFILIATES. IT IS SUBMITTED WITH THE UNDERSTANDING THAT IT IS NOT TO BE REPRODUCED, NOR COPIED IN WHOLE OR IN PART, NOR LOANED OR OTHERWISE COMMUNICATED TO ANY THIRD PARTY, NOR USED IN ANY MANNER DETRIMENTAL TO THE INTERESTS OF UNITORQ OR ANY OF ITS AFFILIATES WITHOUT THE EXPRESSED WRITTEN CONSENT OF UNITORQ. ACCEPTANCE OF THIS DRAWING WILL BE CONSTRUED AS AN AGREEMENT TO THE ABOVE.



2150 Boggs Road, Suite 410
DULUTH, GEORGIA U.S.A. 30096
Ph: 770-446-7074
Fax: 770-447-1825
www.unitorq.com



PRODUCT: ACTUATORS	PART NUMBER: IM633	SALES DRAWING NUMBER: IM663-LAYOUT-TQ	DWN BY: RMCC	DATE: 03/05/2018	SCALE: 0.17:1	REV. 0
------------------------------	------------------------------	---	------------------------	----------------------------	-------------------------	------------------