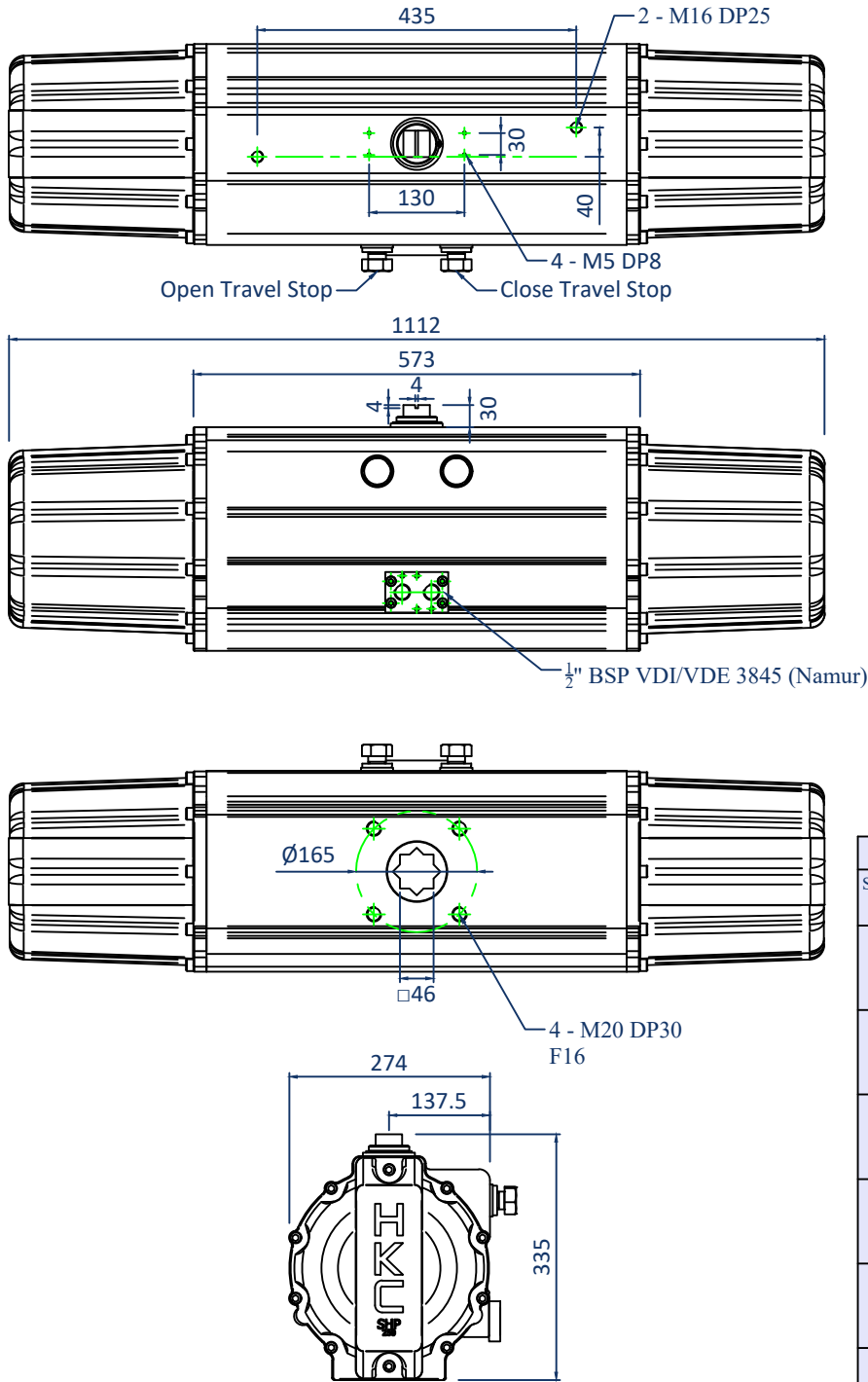




Details

The HP Series Pneumatic Actuator body is manufactured from extruded Aluminium alloy and is hard anodized to protect both internal & external surfaces against corrosion.

The End Caps are Diecast Aluminium and are coated with Polyester.

The Pinion shaft is Nickel Plated Alloy steel and the Pistons are Diecast Aluminium.

Self Lubricating (Polypropylene + GF) Piston Guides provide travel stability.

All actuators are designed to the latest ISO/Namur standards and are ATEX approved.

Standard Specification:

- Service Medium: Dry Compressed Air
- Pressure Range: 3-8 Bar
- Operating Angle: 90° (0-5° Travel Stop Adjustment)
- Temperature Range: -20° ~ +80°C
(-35°C to +80°C & -20°C to 150°C Options)
- Air Volume (Ltr): 32.2 Close (B) / 25 Open (A)
- Weight: 123.4Kg
- Operating Time: 5 Seconds Open / 5 Seconds Close
- Certification: ATEX / CE / PED

SR Series Torque Table (unit : Nm)										
SPRING TYPE	ANGLE	AIR SUPPLY								SPRING
		3Bar	4Bar	4.5Bar	5Bar	5.5Bar	6Bar	7Bar	8Bar	
S1	0°	2,639	3,697	4,192	4,669	5,135	5,640	6,574	7,479	733
	45°	1,429	2,096	2,420	2,734	3,008	3,430	4,059	4,735	419
	90°	2,305	3,525	4,068	4,669	5,135	5,831	7,003	8,242	876
S2	0°	2,124	3,258	3,792	4,316	4,748	5,336	6,288	7,194	1,438
	45°	1,067	1,734	2,058	2,382	2,620	3,020	3,678	4,325	829
	90°	1,457	2,648	3,220	3,811	4,192	5,002	6,241	7,451	1,600
S3	0°	1,762	2,820	3,315	3,811	4,192	4,830	5,755	6,641	1,867
	45°	857	1,496	1,810	2,115	2,326	2,791	3,430	4,106	1,057
	90°	924	2,039	2,715	3,230	3,553	4,287	5,602	6,612	2,086
S4	0°	1,457	2,563	3,106	3,620	3,982	4,669	5,650	6,555	2,220
	45°	638	1,286	1,610	1,953	2,148	2,601	3,239	3,887	1,257
	90°	609	1,772	2,325	2,953	3,249	4,097	5,269	6,441	2,439
S5	0°		2,163	2,677	3,173	3,490	4,240	5,202	6,079	2,668
	45°		1,048	1,362	1,696	1,865	2,334	3,001	3,649	1,486
	90°		1,238	1,762	2,353	2,588	3,477	4,621	5,812	2,887
S6	0°		1,905	2,448	2,953	3,249	3,954	4,878	5,793	3,287
	45°		781	1,095	1,419	1,561	2,077	2,734	3,373	1,743
	90°		667	1,200	1,753	1,928	2,896	4,040	5,183	3,325