



**Description:**

The Quifer ductile iron pneumatic actuator is manufactured from nodular ductile iron (GGG-40) with a corrosion protection system suited to the most severe applications. Both body and end caps are nickel plated then finished with a high build polyurethane paint. Drive shafts can be supplied in stainless steel or nickel plated carbon steel. The standard specification also includes pistons manufactured in cast iron.

**Specification:**

- Working Pressure : Double Acting : 1 to 8 bar  
Single Acting : 3 to 8 bar
- Air supply : Air or non-corrosive gas (ie. Nitrogen)
- Working Temperatures : From -30° to +110°C
- Lubrication : Lubricated for normal working life
- Rotation : Anti-clockwise opening  
To reverse actuator rotation, invert pistons
- Movement : Rotation 90°
- Finish : Body and end caps are nickel plated, then painted with black polyurethane.

ACTUATOR		AIR VOLUME/STROKE (LITRES)		OPERATING TIME AT 6 BAR (SECS)			WEIGHT (KG)	
		OPENING	CLOSING	DOUBLE ACTING	SINGLE ACTING		DOUBLE ACTING	SINGLE ACTING
					OPENING	CLOSING		
MD-012DI	MS-012DI	0.55	0.48	<1	1	<1	11	12
MD-030DI	MS-030DI	1.01	1.20	2	2	1	17	22
MD-060DI	MS-060DI	2.55	2.48	3	5	3	32	39
MD-140DI	MS-140DI	4.71	4.40	5	8	6	64	83
MD-250DI	MS-250DI	9.00	10.7	7	12	7	115	147
MD-360DI	MS-360DI	13.3	14.6	12	18	11	197	237
MD-500DI	MS-500DI	21	26	15	23	15	256	280
MD-750DI	MS-750DI	30	35	23	33	23	416	442