

Part 1A
Subject: Hydraulic/ Pneumatic Systems
Product: Actuator

Producer/Licence No.	Description of Product				Cert. No.
	Type	Details of Approval	Application	Remarks	
Valve Automation Emerson Process Management 19200 NW Freeway Houston, Texas – 77065 USA Alternate Place of Production Valve Automation(Tianjin) Co., Ltd., EmersonProcessManagement No. 15 Xing Wang Road, Wuqing Development Area, Tianjin 301700, P. R. China Emerson Process Management Hungary Kft.-Valve Automation, Berényi u. 72-100 (Videoton Industrial Park, building number: 230), Székesfehérvár 8000 HUNGARY	GC01, GC2, GC3, GC4, GC5, GC7, GC8 & GC10 *Series GC1 to GC5 actuators only at China GH2, GH3, GH4, GH5, GH7, GH8 & GH10 GHC2, GHC3, GHC4, GHC5, GHC7, GHC8 & GHC 10	Quarter turn, canted/ standard scotch yoke & hydraulic/ pneumatic actuators- double acting or spring return GC Hydraulic - Spring Return (SR) or Double Acting (DA) Operating Pressure 500 to 5000 psig Torque output hydraulic DA - 1259 to 3544170 in-lbs Torque output spring return (SR) - 5672 to 2286935 GC Pneumatic - Spring Return (SR) or Double Acting (DA) Operating Pressure 40 to 200 psig Torque output pneumatic DA- 4196 to 3591347 in-lbs Torque output pneumatic SR- 5672 to 2753007 in-lbs GH Pneumatic - Spring Return (SR) Operating Pressure 40 to 200 psig Torque output pneumatic 7772 to 3726658 in-lbs Spring Torque 10318 to 1705468 in-lbs GHC Pneumatic - Spring Return (SR) Operating Pressure 50 to 189 psig Torque output pneumatic 7253 to 1765791 in-lbs Spring output 10231 to 779636 in-lbs Temperature rating Standard Minus 20 to 200 deg F High 0 to 350 deg F Low Minus 40 to 150 deg F	Fixed or mobile offshore use. To drive quarter turn valves to open or closed position using air or hydraulic pressure in both directions (double acting) or air or hydraulic pressure in one direction (spring return)	Expires: 5 Feb 2018 Refer to certificate for conditions of approval.	04/60004(E2)

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