



Main FEATURES

CONSTRUCTION	GB - QUARTER-TURN
MATERIAL	316SS
VALVE APPLICATION	ON-OFF
TORQUE	up to Nm 7.000
STROKE RANGE	0-90° (+/- 5° adjustable)
TEMPERATURE RANGE	°C -29°/+100° (F°-20/+212°) °C -60° (F°-76°) on request

IP PROTECTION	IP68
PADLOCKABLE FLANGE	YES

- Stainless steel SS316 body
- Stainless steel SS316 shaft
- Stainless steel SS316 stop screws covers
- Stainless steel SS316 fasteners
- 4 models up to 7.000 Nm (61955 lbf.in.)
- Axial bearing
- Limit switch box mounting kit (if requested)
- Valve stem variations (Keyed stem, Flat head stem or Square stem 90°)

Main APPLICATIONS

PROCONTROL GB Quarter-Turn 316SS gear operators are designed to operate in harsh and hostile conditions: they withstand freezing arctic, extreme hot temperature, wind, dust, coastal, hot humid marine and corrosive chemical environments, and more, while operating at full capacity. PROCONTROL GB gear operators are intended for the operation of ball, butterfly and plug valves. 316 Stainless Steel handwheels are available in a variety of sizes for a smooth and easy operation.

Model	Ratio :1	Torque		M.A. ±15%	Max stem height [mm]	Weight [Kg]	STD Handwheel Diameter [mm]
		Input	Output				
GB1000	36	86	1000	11,6	87	10	500
GB2000	42	148	2000	13,5	87	15	850
GB4500	109	145	4500	31,1	103	34	800
GB7000	176	135	7000	51,9	113	49	750

Model	A	B	C	D	E	F	ØG	ISO 5211 Valve connection	Max Bore
GB1000	175	196	85	73,5	214	108,5	17	F12-F14	55
GB2000	195	236	118	82,5	214	108,5	17	F14-F16	60
GB4500	235	320	145	105	308	129	20	F16-F25	80
GB7000	300	382	177	137	317	141	20	F25	100

ITEM	DESCRIPTION	MATERIAL
1	BODY	AISI 316
2	STOP SCREW	AISI 316
3	NUT	AISI 316
4	END CAP COVER	AISI 316
5	BREATHER	AISI 316
6	GREASE NIPPLE	AISI 316
7	GEAR SECTOR	Iron 0.7060, EN-GJS-600-3
8	BUSHING	G-CuSn12 UNI7013
9	STEM FLANGE	AISI 316
10	WORM	42CrMo4+QT UNI EN 10083
11	STEM	AISI 316
12	BUSHING	PTFE+Bz
13	SCRAPER RING	Polyurethane
14	STEM FLANGE	AISI 316
15	POSITION INDICATOR	AISI 316
16	FLANGE	AISI 316

