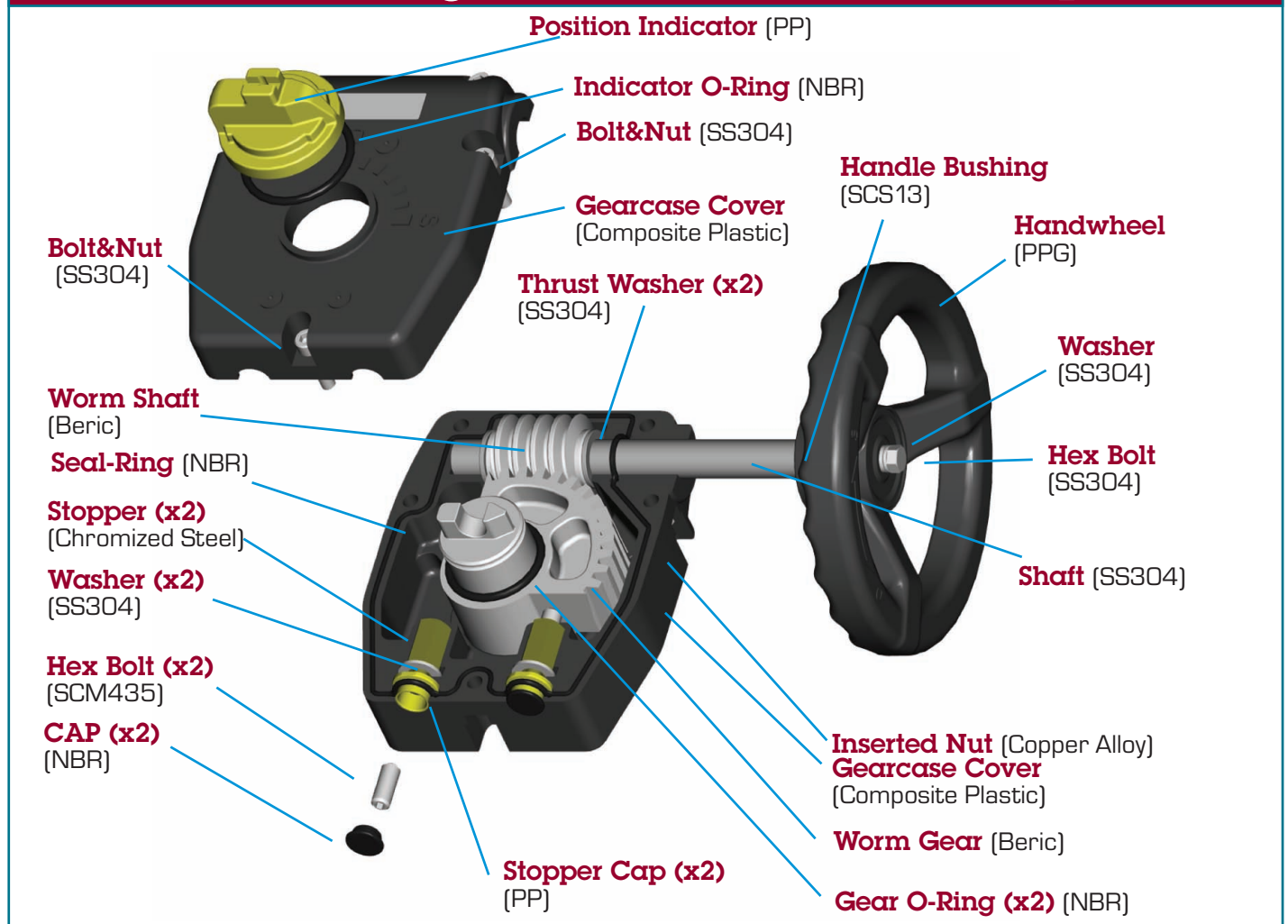
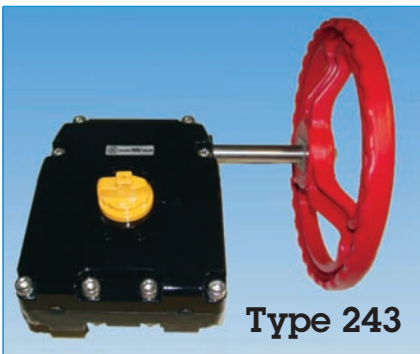
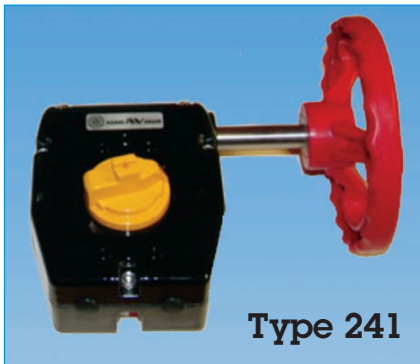


# Plasgear™ - Plastic Gear Operator



## Specifications



SPECIFICATIONS		
Type	Series 241	Series 243
Max Output Torque	300 N-m (2,700 in-lbs)	900 N-m (8,000 in-lbs)
Mechanical Advantage	12	15
Max Input Torque	25 N-m (220 in-lbs)	60 N-m (530 in-lbs)
Max Input Handwheel Force	300 N (70 lbf)	400 N (90 lbf)
Gear Ratio	38 : 1	38 : 1
Gear Efficiency	32 %	39 %
Turns to Close	9.5	9.5
Adjustable Travel	90+5°, -5°	90+5°, -5°
Valve Mounting Flange (ISO 5211)	F07, F10	F14
Weight	5 lbs	18 lbs
Weather Resistance	IP67	IP67
Enclosure	0.2 barg (3 psig) Submersible	0.2 barg (3 psig) Submersible
Temperature	-20 to 120°C (-5 to 250°F)	-20 to 120°C (-5 to 250°F)
Rated Cycle Life	100,000 cycles	100,000 cycles

## Valve Mounting Flange

Valve Mounting Flange			
Type	Series 241		Series 243
ISO	F07	F10	F14
P.C.D	2.756	4.016	5.512
Threaded Size	M8	M10	M16
Number of Bolts	4	4	4