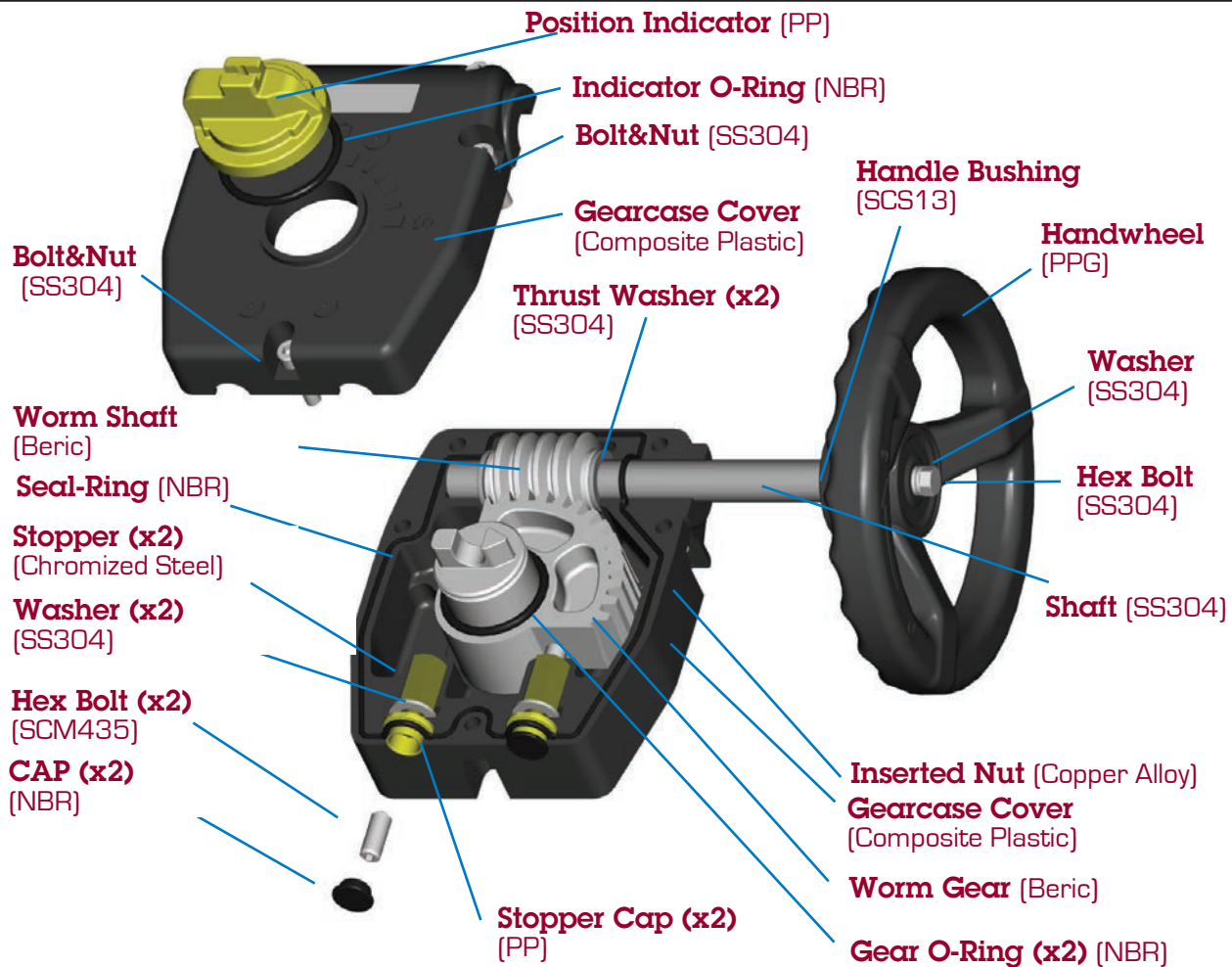
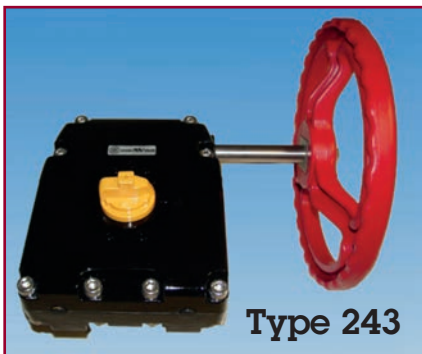
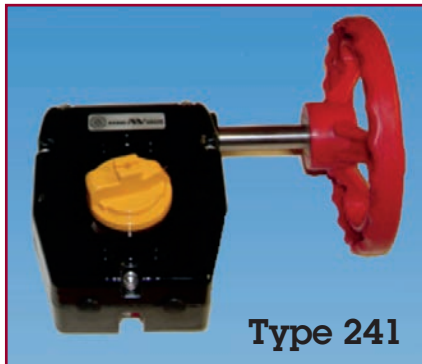


Plasgear™ - Plastic Gear Operator



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