

# SOLENOID OPERATORS

## Numbering System Chart for Solenoid Operators

1st Digit	2nd Digit	3rd Digit	4th Digit	5th Digit	6th Digit	7th Digit	8th Digit	9th Digit
Operator Series Design	Type	Orifice	Sleeve Housing & Flux Plate Combination	Sleeve Option	Housing Options	Coil Options	VOLTAGE	FREQUENCY
O2-SER.20 OE2-Explosion Proof O3-SER. 30 O4-SER. 40 O5-SER. 50 OE5-Explosion Proof O7-SER. 70 OELW5S-Ser 50 OELS-Ser 50	1-2WNO 2-2WNC 3-3WNC 4-3WNO 5-Dir. Cont 6-Multi Purpose	G-1/32 H-3/64 J-1/16 K-3/32 L-7/64 N-1/8 O-5/32 P-3/16 U-7/32 R-1/4 S-5/16 T-3/8 V-5/64	A-Series 20 Only (Magnetic Body w/shoulder 1 9/16 Housing "A" Stop) B-Series 20 Only (Non-Magnetic Body w/shoulder 1 11/16 Housing Heavy Flux Plate "B" Stop) C-Series 20 Only (Magnetic or Non-Magnetic Body Flush Mounting 1 9/16 Housing Heavy Flux Plate "B" Stop)\ D-Series 15, 30, 50, 70, OE & J.I.C. Operators Only E-Series 20 (Magnetic or Non-Magnetic Body 1 7/16 Housing, Light Flux Plate "B" Stop) F-Series 20 Any Body KM Yoke "C" Stop	D-No Option U-Metered Exhaust Z-1/4" Sleeve Port Adapter X-1/8" Sleeve Port Adapter W-Spacer (Series 50 Only) UX-1/8" NPT Metered Port Adapter UZ-1/4" NPT Metered Port Adapter	B-Mounting Bracket C-Conduit G-Grommet J-J.I.C. Housing S-"AN" Connector Q-Strain Relief Y-Yoke AS-Single Automotive Housing AD-Double Automotive Housing N-Splice Box Housing K-Yoke for Spade Terminal Coil CC-Conduit w/3rd Wire Ground E-European Style Coil (DIN) V-E x H Muffler	V-Non Molded M-Molded H-High Temp. 180° C-High Temp. over 180° D-Diode Coil (STD) R-Diode Coil (Full Wave Bridge) P-Potted Coil (STD Temp) F-Potted Coil (Class H) Additional Options A-Aluminum Shading Ring S-Silver Shading Ring B-Non Molded (Series 50 only)	We Require full description Example: 120 or 240 volts	In A.C. application give full details Example: 60 or 50 HZ

EXMAPLE:  
O23NKAZBCM-120/60

O2	3	NK	A	Z	B C	M	120	60
SER.20 Valve Operator	3-Way Normally Closed Valve	1/8" Inlet 3/32 Exhaust Orifice	Series 20 Only (Magnetic w/Shoulder 19/16 Housing)	1/4" Sleeve Port Adapter	Bracket Conduit Housing	Molded Coil	120 Volt Line	A.C. 60 Hertz