

**Valve Function / Series Index**

Function/Series	Page
<b>Manifold Mounted Directional Control Valves</b>	
D1VW ..... Solenoid Operated .....	A2
D1VL ..... Lever Operated .....	A28
D1VA ..... Air and Oil Pilot Operated .....	A30
D1VP ..... Air and Oil Pilot Operated .....	A30
D1VC ..... Cam, Cam Lever Operated .....	A34
D1VD ..... Cam, Cam Lever Operated .....	A34
D1VG ..... Cam, Cam Lever Operated .....	A34
D1SE ..... Solenoid Operated .....	A41
D3W ..... Solenoid Operated .....	A44
D3DW ..... Solenoid Operated .....	A63
D3L ..... Lever Operated .....	A68
D3A ..... Air Operated .....	A70
D3C ..... Cam Operated .....	A73
D3D ..... Cam Operated .....	A73
D31*W ..... P. O., Solenoid Controlled .....	A76
D31*A ..... Air Pilot Operated .....	A90
D31*L ..... Lever Operated .....	A92
D3P ..... Oil Pilot Operated .....	A94
D61VW ..... P. O., Solenoid Controlled .....	A103
D61VA ..... Air Pilot Operated .....	A114
D61VL ..... Lever Operated .....	A116
D6P ..... Oil Pilot Operated .....	A118
D81VW ..... P. O., Solenoid Controlled .....	A124
D81VA ..... Air Pilot Operated .....	A136
D81VL ..... Lever Operated .....	A138
D8P ..... Oil Pilot Operated .....	A140
D101VW ..... P. O., Solenoid Controlled .....	A146
D101VA ..... Air Pilot Operated .....	A158
D101VL ..... Lever Operated .....	A160
D10P ..... Oil Pilot Operated .....	A162
<b>Manifold Mounted Manapak Sandwich Valves</b>	
CM ..... Check .....	B5
CPOM ..... Dbl. P. O., Check .....	B13
FM ..... Dbl. Manapak, Flow Control .....	B18
PRDM ..... D. O., Pressure Reducing .....	B24
PRM ..... Pressure Reducing .....	B29
RM ..... Relief .....	B36
<b>Manifold Mounted Lo-Torq Directional Control Valves</b>	
8000E ..... Manual Selector, 2, 3, 4-Way .....	D2
8100E ..... Manual Selector, 2, 3, 4-Way .....	D4
8000C ..... Manual Selector, 2, 4-Way .....	D6
8100C ..... Manual Selector, 2, 4-Way .....	D6
8400E ..... Mini Selector, 2, 3, 4-Way .....	D8
8500 ..... Manual Selector, 2, 3, 4-Way .....	D10

Function/Series	Page
<b>Manifold Mounted Exectrol Directional Control Valves</b>	
21100 ..... Solenoid Operated, 4-Way .....	E2
21200 ..... Solenoid Operated, 4-Way .....	E4
25100 ..... Sol. Cntrl., P. O., 4-Way .....	E6
25200 ..... Sol. Cntrl., P. O., 4-Way .....	E6
21353 ..... Solenoid Operated, 2-Way .....	E9
21356 ..... Solenoid Operated, 2-Way .....	E9
23100 ..... Pilot Operated, 4-Way .....	E10
23200 ..... Pilot Operated, 4-Way .....	E10
23300 ..... Pilot Operated, 4-Way .....	E10
21400 ..... Direct-Acting, Sol. Op. ....	E12
961 ..... Dump or Shut-off .....	E14
962 ..... Dump or Shut-off .....	E14
963 ..... Dump or Shut-off .....	E14
965 ..... Dump or Shut-off .....	E14
<b>In-Line Mounted Check Valves</b>	
AVF ..... Adj. Velocity Fuse (Hydraulic) .....	F2
AVF (Brass) ..... Adj. Velocity Fuse (Pneumatic) .....	F5
C ..... In-line Check .....	F7
6C ..... In-line Check (Metric Ports) .....	F10
VCL ..... In-line Check .....	F12
LT ..... Line Check and Throttle .....	F16
LTF ..... Line Check and Throttle .....	F16
CLS ..... In-line Check .....	F18
VLS ..... Fixed Velocity Fuse .....	F20
440 ..... High Pressure .....	F23
450 ..... High Pressure .....	F23
480 ..... Soft-seat .....	F25
580 ..... Swing .....	F27
593 ..... Swing .....	F27
J416A ..... Mini-check .....	F29
MS24593 ..... Mini-check .....	F29
J417A ..... Mini-check .....	F29
MS24423 ..... Mini-check .....	F29
CP ..... Pilot Operated .....	F30
419 ..... Shuttle .....	F35
CS ..... Subplate Mounted .....	F36
ECR ..... Adjustable .....	F40
ICP ..... In-line Pilot Operated .....	F42
<b>In-Line Mounted Flow Control Valves</b>	
F ..... Flow Control .....	G2
6F ..... Flow Control (Metric Points) .....	G6
PC*K ..... Press. Compensated, Fixed .....	G8
PC*M ..... Press. Compensated, Adj. ....	G11
N ..... Needle .....	G14

**Valve Function / Series Index**

Function/Series	Page
<b>In-Line Mounted Flow Control Valves (cont.)</b>	
6N ..... Needle (Metric Ports) .....	G17
MV ..... Metering .....	G19
6MV ..... Metering (Metric Ports) .....	G23
133 ..... Needle .....	G25
135 ..... Needle .....	G25
143 ..... Needle .....	G25
S133 ..... Needle, Soft Seat .....	G25
S135 ..... Needle, Soft Seat .....	G25
S143 ..... Needle, Soft Seat .....	G25
T143 - T148 ..... Toggle .....	G27
154 ..... Needle, High Pressure .....	G28
6611 ..... Flow Combiner / Divider .....	G30
FS ..... Flow Control .....	G31
PC*MS ..... Pressure Compensated .....	G36
TPC ..... Temp. & Press. Compensated ...	G41
FG3PKC ..... Temp. & Press. Compensated ...	G46
MVI ..... Cartridge-type Needle .....	G50
D ..... Cam-Operated, 2-Way .....	G54
NS ..... Needle .....	G71
<b>Pressure Control Valves</b>	
620-649 ..... In-line Mtd. Direct-Acting Relief ....	H2
665 ..... In-line Mtd. Direct-Acting Relief ....	H5
R ..... Direct Relief .....	H7
RA ..... Direct Operated Relief .....	H33
PR, S, R, RS ... High Pressure, Relief .....	H36
RCP ..... Pressure Relief .....	H43
RP ..... Pressure Relief .....	H45
R2P ..... Direct Operated Relief .....	H48
R6701 ..... Pilot Operated Relief .....	H50
R*R, R*M ..... Pressure Relief .....	H53
RS*R, RS*M ... Press. Relief w/Unloading .....	H53
VS ..... Pressure Relief .....	H67
PR ..... Pressure Reducing .....	H70
PR*M ..... Pressure Reducing .....	H78
PR*S ..... Pressure Reducing .....	H82
PR6701 ..... Pressure Reducing .....	H84
VM ..... D. O. Pressure Reducing .....	H86
P6701 ..... Remote Pilot .....	H91
S ..... Sequence .....	H93
S*M ..... Pilot Operated Sequence .....	H102

Function/Series	Page
<b>Pressure Control Valves (cont.)</b>	
VB ..... Direct Operated Sequence .....	H106
VB*Y*A ..... Pilot Operated Sequence .....	H110
ULR ..... Unloading .....	H115
UR6M ..... Unloading .....	H123
UR*M ..... Unloading .....	H126
US*M ..... Unloading Vlv. w/Unloading .....	H126
B ..... Counterbalance .....	H134

**In-Line Mounted Plug Valves**

300 ..... PTFE Plug, 2, 3, 4-Way .....	J2
700 ..... Metal Plug, 2, 3, 4-Way .....	J2
744 ..... PTFE Plug, Cylindrical, 4-Way .....	J4

**In-Line Mounted Ball Valves**

BVHP ..... High Pressure, 2-Way .....	K3
BVAH ..... High Pressure, 2-Way .....	K11
BVHH ..... High Pressure, 2-Way .....	K19
BVAM ..... Med. Pressure, 2-Way .....	K23
BV3D ..... Med. Pressure, 3-Way Diverter ..	K27
BV3H ..... High Pressure, 3, 4-Way .....	K32
BV4H ..... High Pressure, 3, 4-Way .....	K32
BVMM ..... High Pressure, 2, 3-Way .....	K37
BVAL ..... Low Pressure, 2-Way .....	K43
500 ..... Low Pressure, 2-Way .....	K50
520 ..... Low Pressure, 2-Way .....	K61
500CS ..... Low Pressure, 2-Way .....	K63
50*SS ..... Low Pressure, 2-Way .....	K67
590 ..... Low Pressure, 2-Way .....	K71

**Accessories**

GF ..... Gage Isolator Valve .....	L2
GT ..... Gage Isolator Valve .....	L3
910 ..... Hand Operated Pump .....	L4
PSB ..... EH Pressure Switch .....	L6
910N ..... Hand Operated Pump .....	L12
910R ..... Hand Operated Pump .....	L14
913 ..... Hand Operated Pump .....	L16
914 ..... Hand Operated Pump .....	L18
915 ..... Hand Operated Pump .....	L20
916 ..... Hand Operated Pump .....	L20
GTS ..... Gage Isolator Valve .....	L22
MFB ..... Flow Control Valve .....	L24