



DESIGN AND DRAWINGS ARE PROPERTY OF DOERING COMPANY  
 DESIGN AND DRAWINGS MAY NOT BE DUPLICATED, REPRODUCED OR COPIED IN ANY WAY  
 WITHOUT WRITTEN PERMISSION BY DOERING COMPANY, CLEAR LAKE, MINNESOTA, USA  
 PATENT PENDING, DOERING COMPANY, CLEAR LAKE, MINNESOTA, USA

© DOERING COMPANY, CLEAR LAKE, MINNESOTA, USA

DOERING VALVE: 1223-1  
 Assembly & Bill of Material

## BILL OF MATERIAL:

KEY NO.	DOERING P/N	DESCRIPTION
1	1223-1	VALVE, COMPLETE
2	1201241	ACCESS PLUG
3	1201239	VALVE BODY
* 4	1201229	SPOOL CAGE
* 5	1201233	SPOOL, LINKAGE AND SEPARATOR ASSEMBLY
* 4 & 5	1202966	CAGE, SPOOL, LINKAGE AND SEPARATOR ASSEMBLY
* 6	1201226	PILOT PISTON, 1" DIA.
* 7	1201230	PILOT CYLINDER, 1" BORE
* 6 & 7	1201941	PILOT PISTON & PILOT CYLINDER ASSEMBLY
8	1201232	RETAINER PLUG
9	1201231	JAM RING
10	1201680	GREASE ZERK, 1/8 NPT
	1201296	COMPLETE SEAL KIT ( EXCLUDING SPECIAL SEALS IN KEY 5 )

Note: O-Rings ( Buna-N ) and Back Up Rings ( Teflon<sup>®</sup> ) are included with respective components.

DESIGN AND DRAWINGS ARE PROPERTY OF DOERING COMPANY  
DESIGN AND DRAWINGS MAY NOT BE DUPLICATED, REPRODUCED OR COPIED IN ANY WAY  
WITHOUT WRITTEN PERMISSION BY DOERING COMPANY, CLEAR LAKE, MINNESOTA, USA  
PATENT PENDING, DOERING COMPANY, CLEAR LAKE, MINNESOTA, USA

© DOERING COMPANY, CLEAR LAKE, MINNESOTA, USA

# DOERING VALVE: 1223-1

## Assembly & Bill of Material