

"E" END CONNECTION FOR KN-22, -23 AND -24 IS THE STANDARD INDICATOR CONNECTION (1 1/16-10 MODIFIED WHITWORTH THREAD WITH TAPERED SOCKET). ITEM 16, VALVE CAP AND PLUG IS FURNISHED WITH THE VALVE.

"E" END CONNECTION FOR KN-21 IS A 1/2NPT(F) PORT. ITEM 17, 1/2NPT PLUG IS FURNISHED WITH THE VALVE.

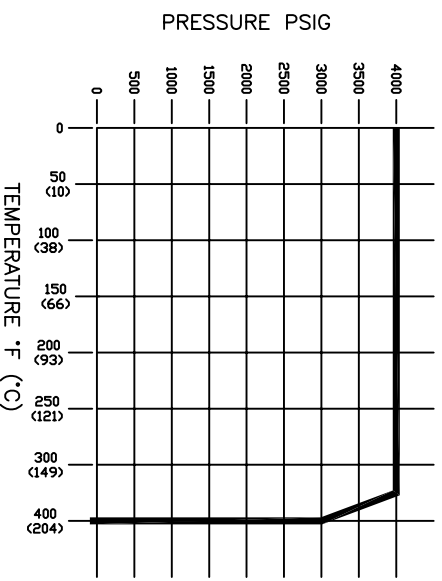
DIMENSIONS

VALVE MODEL	A	B	C	D	E	WT. (LBS)
KN-21	4-3/8	2-1/4	15/16	1/2NPT	1/2NPT(F)	2.2
KN-22	4-3/8	2-1/4	15/16	1/2NPT	INDICATOR CONNECTION	2.0
KN-23	4-3/8	2-1/4	1-11/64	3/4NPT	INDICATOR CONNECTION	2.0
KN-24	5-3/8	3-1/4	1-15/16	1/2NPT	INDICATOR CONNECTION	2.1

MATERIALS LIST

ITEM	DESCRIPTION	MATERIAL
1	VALVE BODY	ASTM A108
2	VALVE STEM	ASTM A276, A479 316
3	SEAT	PEEK
4	GLAND NUT	ASTM A108
5	BUSHING	ASTM A276, A479 316
6	D-RING	VITON
7	BACK-UP RING	PEEK
8	BONNET WASHER	ASTM A276, A479 316
9	HANDLE	ASTM A108
10	SPINDL PIN	ASTM A276
11	VENT VALVE	ASTM A108
12	HEX JAM NUT	ASTM A276, A479
13	BONNET LOCK	ASTM A108
14	SDC HD CAP SCREW	ASTM A108
15	HEX HD CAP SCREW	ASTM A108
16	VALVE CAP & PLUG	CAP: ASTM A108, PLUG: ASTM B16
17	1/2NPT PLUG	ASTM A108
18	LANYARD	ASTM A276

NOTE: ITEMS 16, 17, 18 ARE NOT ILLUSTRATED.



NOTE: IT IS THE RESPONSIBILITY OF THE END USER OF THIS EQUIPMENT TO CHECK MATERIALS FOR COMPATIBILITY WITH THE PROCESS GAS AND CONDITIONS.

KIENE DIESEL ACCESSORIES

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DATA SHEET, KN-SERIES NEEDLE-TYPE VALVES, CARBON STEEL CONSTRUCTION