



DIMENSIONS - ENGLISH UNITS FOR CLASS 150

NOMINAL VALVE SIZE	1	1 1/2	2	2 1/2	3	4
B FACE TO FACE, FLANGED, R.F., FIG. NO.1925	5.50	6.50	7.00	7.50	8.00	9.00
B <sub>1</sub> END TO END, FLANGED, R.J., FIG. NO.1925	6.00	7.00	7.50	8.00	8.50	9.50
B <sub>2</sub> END TO END, BUTT WELD, FIG. NO.1925 1/2			10.50		13.00	14.00
E CENTER TO TOP OF STEM	4.50	5.18	5.38	5.38	6.38	7.00
F CENTER TO BOTTOM	2.18	2.62	3.03	3.03	3.97	4.36
G CLEARANCE TO REMOVE FITTING	7.00	7.68	7.88	7.88	8.88	9.50
J WIDTH OF FLAT	.81	1.00	1.00	1.00	1.25	1.37
K DIAMETER OF SHANK	1.09	1.41	1.41	1.41	1.78	1.97
L HEIGHT OF FLAT	.89	1.04	1.04	1.04	1.32	1.50
M EXTREME WIDTH OF BODY	3.28	3.80	4.18	4.18	4.82	5.50
SIZE SEALANT STICK	B	B	B	B	B	B
ROCKWELL FITTING N.P.S. THD.	1/4-18	1/4-18	1/4-18	1/4-18	1/4-18	1/4-18
SIZE OF WRENCH	D-9	J-9	J-9	J-9	L-9	M-9
LENGTH OF WRENCH	5.5	10.5	10.5	10.5	17.5	21.0
WEIGHT, LBS., FIG. NO.1925	15	21	31	45	61	78
WEIGHT, LBS., FIG. NO.1925 1/2			2		50	65

DIMENSIONS - METRIC UNITS FOR CLASS 150

NOMINAL VALVE SIZE	1	1 1/2	2	2 1/2	3	4
B FACE TO FACE, FLANGED, R.F., FIG. NO.1925	140	165	178	191	203	229
B <sub>1</sub> END TO END, FLANGED, R.J., FIG. NO.1925	152	178	191	203	216	241
B <sub>2</sub> END TO END, BUTT WELD, FIG. NO.1925 1/2			267		330	356
E CENTER TO TOP OF STEM	114	132	137	137	162	178
F CENTER TO BOTTOM	55	67	77	77	101	111
G CLEARANCE TO REMOVE FITTING	178	195	200	200	226	241
J WIDTH OF FLAT	21	25	25	25	32	35
K DIAMETER OF SHANK	28	36	36	36	45	50
L HEIGHT OF FLAT	23	26	26	26	34	38
M EXTREME WIDTH OF BODY	83	97	106	106	122	140
SIZE SEALANT STICK	B	B	B	B	B	B
ROCKWELL FITTING N.P.S. THD.	1/4-18	1/4-18	1/4-18	1/4-18	1/4-18	1/4-18
SIZE OF WRENCH	D-9	J-9	J-9	J-9	L-9	M-9
LENGTH OF WRENCH	140	267	267	267	445	533
WEIGHT, KGS., FIG. NO.1925	7	10	14	21	28	35
WEIGHT, KGS., FIG. NO.1925 1/2			11		23	29

NOTES:  
 1. DIMENSIONS SHOWN ARE NOMINAL, PROVIDED FOR GENERAL INFORMATION, AND AS SUCH ARE SHOWN WITHOUT TOLERANCE.  
 2. DIMENSIONS SUBJECT TO CHANGE WITHOUT NOTICE.  
 3. DIMENSIONS IN INCHES AND IN MILLIMETERS.  
 4. FLANGED END AND BUTT WELD END VALVES TO CONFORM TO ANSI B16.34 AND API 6D. (N/A FOR SIZES 1 & 1 1/2)  
 5. SCHEDULE 40 STEEL BUTT WELD ENDS ARE STANDARD - OTHER BORES ON REQUEST.

LIST OF PARTS

REF.	NAME	REQ.	MATERIAL
1	BODY	1	A105 OR A216 WCB (MFG. OPTION)
2	PLUG	1	AISI 1141
3	COVER	1	A105
4	STOP COLLAR	1	MILD STEEL
5	RETAINER RING	1	SPRING STEEL
6	WEATHER SEAL	1	ELASTOMER COMPOSITE
7	ROCKWELL FITTING	1	MILD STEEL
8	DBL. BALL CHECK VALVE	1	MILD STEEL
9	GLAND	1	MILD STEEL
10	PACKING	2	CARBON FILAMENT
11	ZINC WASHER	2	ZINC
12	PACKING	1	TFE
13	SPIRAL WOUND GASKET	1	STAINLESS STEEL W/NON-ASBESTOS FILLER
14	SHIM	+	STAINLESS STEEL
15	SPRING	1	STAINLESS STEEL
16	NAMEPLATE	1	STAINLESS STEEL
17	CAPSCREW	4	A193 GR B 7
*18	THRUST RING	1	RTFE



ROCKWELL SUPER NORDSTROM VALVES

DRWN	CHKD	APPD	SCALE: NONE	DATE: 5-11-83
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REV.	CHANGE NO.	BY	DATE
A	27179	MRL	11-4-83
B	28038	MRL	5-30-84
C	29531	DB	6-13-85

D-497047

MAXIMUM NON SHOCK SERVICE PRESSURE RATING											
ENGLISH UNITS					METRIC UNITS						
SERVICE TEMP.(DEG.F)	-20 TO 100	200	250	300	350	SERVICE TEMP.(DEG.C)	-29 TO 38	50	100	150	175
PSIG	285	260	245	230	215	BAR	19.6	19.2	17.7	15.8	14.9

+ AS SPECIFIED AT ASSEMBLY \* SIZE 1 ONLY