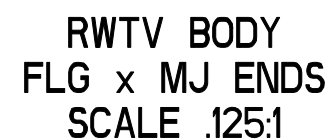




2" SQUARE WRENCH NUT OR—
"Z" DIA. HANDWHEEL OPEN LEFT
OR RIGHT AS REQUIRED



ECO 1930998  ECO 2045350
1.05 WAS 1.69
1.25 WAS 2.00
AO 3/6/18

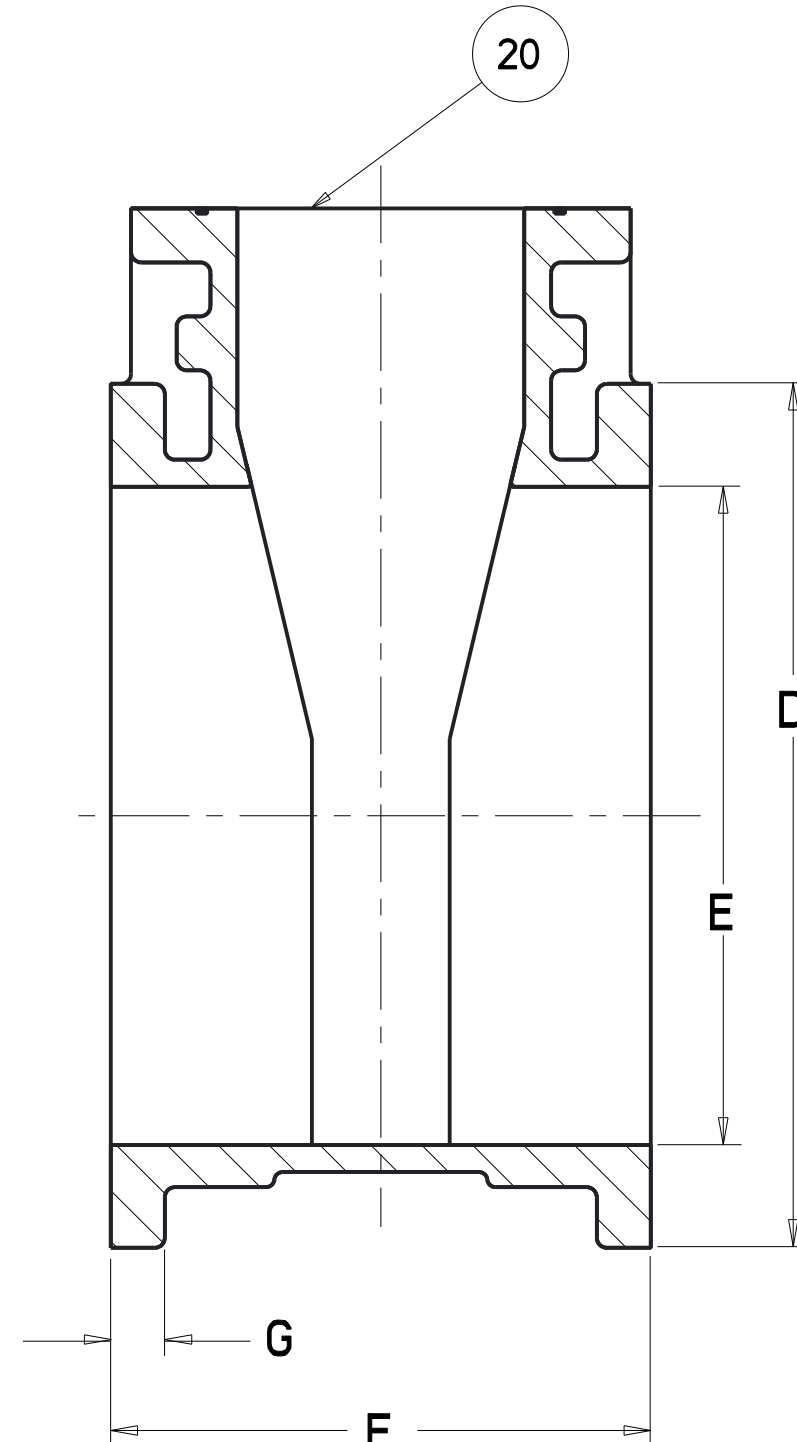
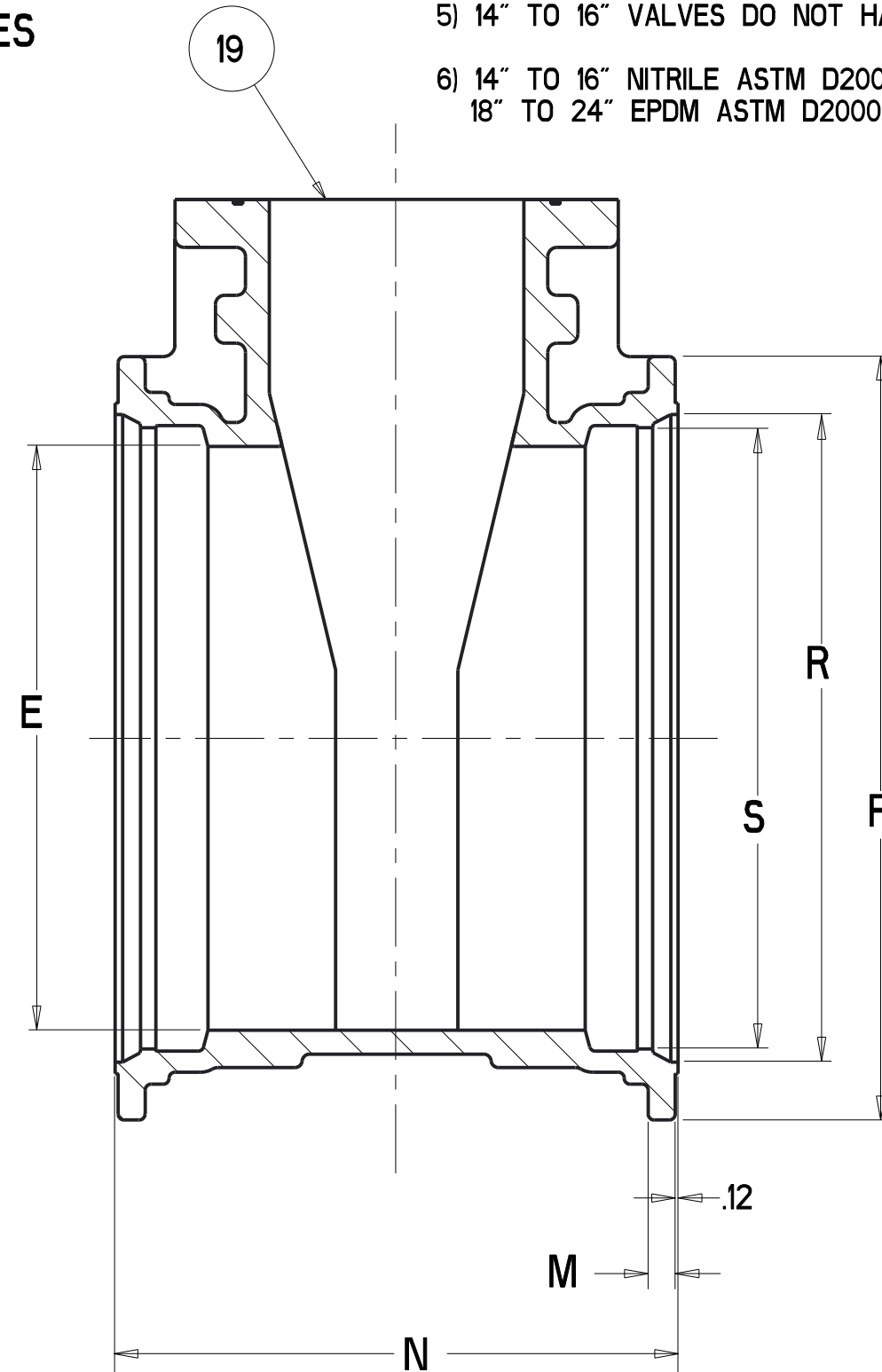
APPROVED

By MATTHEW SLIGER at 10:49 am, Aug 29, 2018



MECH. JOINT END
"X" NO. & SIZE BOLT HOLES
AND OR SLOTS
EQUALLY SPACED ON
"Y" DIA. B.C.

FLANGE END
"J" - NO. & SIZE BOLT HOLES
EQUALLY SPACED ON
"K" - DIA. B.C.



PARTS LIST					
ITEM	DESCRIPTION	REQ'D	MATERIAL	ASTM	
1	CAP SCREW	1	316 STAINLESS STEEL		SEE NOTE 3
2	WRENCH NUT	1	CAST IRON (SEE NOTE 4)	A126	CLASS B
3	STUFFING BOX	1	DUCTILE IRON	A536	
4	HEX BOLT & NUT	"AA"	316 STAINLESS STEEL		SEE NOTE 3
5	O-RING	1	RUBBER	D2000	SEE NOTE 6
6	STEM	1			SEE NOTE 1
7	O-RING	3	RUBBER	D2000	SEE NOTE 6
8	WASHER	2	BRASS		
9	BONNET	1	DUCTILE IRON	A536	
10	EYEBOLT	2	STEEL		GALVANIZED
11	BONNET BUSHING	1	BRONZE	B62	SEE NOTE 5
12	O-RING	1	RUBBER	D2000	SEE NOTE 6
13	HEX BOLT & NUT	"L"	316 STAINLESS STEEL		SEE NOTE 3
14	O-RING	1	RUBBER	D2000	SEE NOTE 6
15	DISC NUT	1	BRONZE	B62	
16	DISC	1			SEE NOTE 2
17	GUIDE CAP	2	ACETAL		
18	BODY FL x MJ	1	DUCTILE IRON	A536	
19	BODY MJ x MJ	1	DUCTILE IRON	A536	
20	BODY FL x FL	1	DUCTILE IRON	A536	
21	PIPE PLUG	2	SUPPLIED WHEN TAPPED		
22	BODY TFL X MJ	1	DUCTILE IRON	A536	

NOTES:

- 1) 14" TO 16" VALVES - MANGANESE BRONZE ASTM B138 ALLOY C67600
18" TO 24" VALVES - MANGANESE BRONZE ASTM B584 ALLOY 86400
- 2) RUBBER ENCAPSULATED DUCTILE IRON DISC
RUBBER - 14" TO 16" SBR ASTM D2000 18" TO 24" EPDM ASTM D2000
DUCTILE IRON ASTM A536 GRADE 65-45 MINIMUM
- 3) BOLTS ARE - ASTM F593 GROUP 2-CW
NUTS - ASTM F594 GROUP 2-CW
- 4) MANUFACTURER'S OPTION TO UPGRADE MATERIAL
TO DUCTILE IRON A536 65-45 MINIMUM
- 5) 14" TO 16" VALVES DO NOT HAVE A BONNET BUSHING
- 6) 14" TO 16" NITRILE ASTM D2000
18" TO 24" EPDM ASTM D2000

DR BY	AO	10/4/17	UNLESS OTHERWISE NOTED		THIRD ANGLE PROJECTION		C.B. NO.
CHKR	BB	10/4/17	BREAK CAST CORNER(S)				
ENGR	MS	10/4/17	BREAK MACH CORNER(S)				
MFR			TOLERANCES		PURCH.	FINISH	PART. NO.
MFG.			UNLESS OTHERWISE NOTED		NO	ASSY	
TOOL			LINEAR		REF. NO.	SCALE	
FDRT			ANGULAR			NONE	
			±	±	STR. NO.		
MAT'L							
NOTED							
		DESCR.					NUMBER
		14"-24" RWGV'S					7431