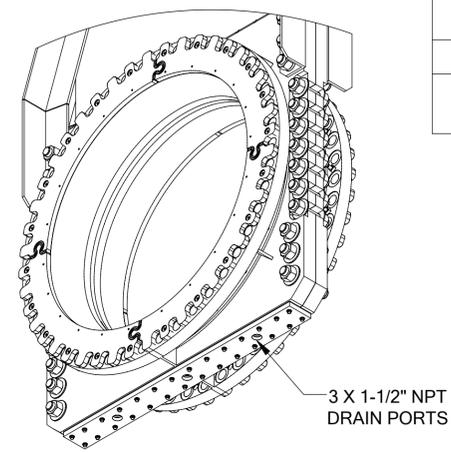
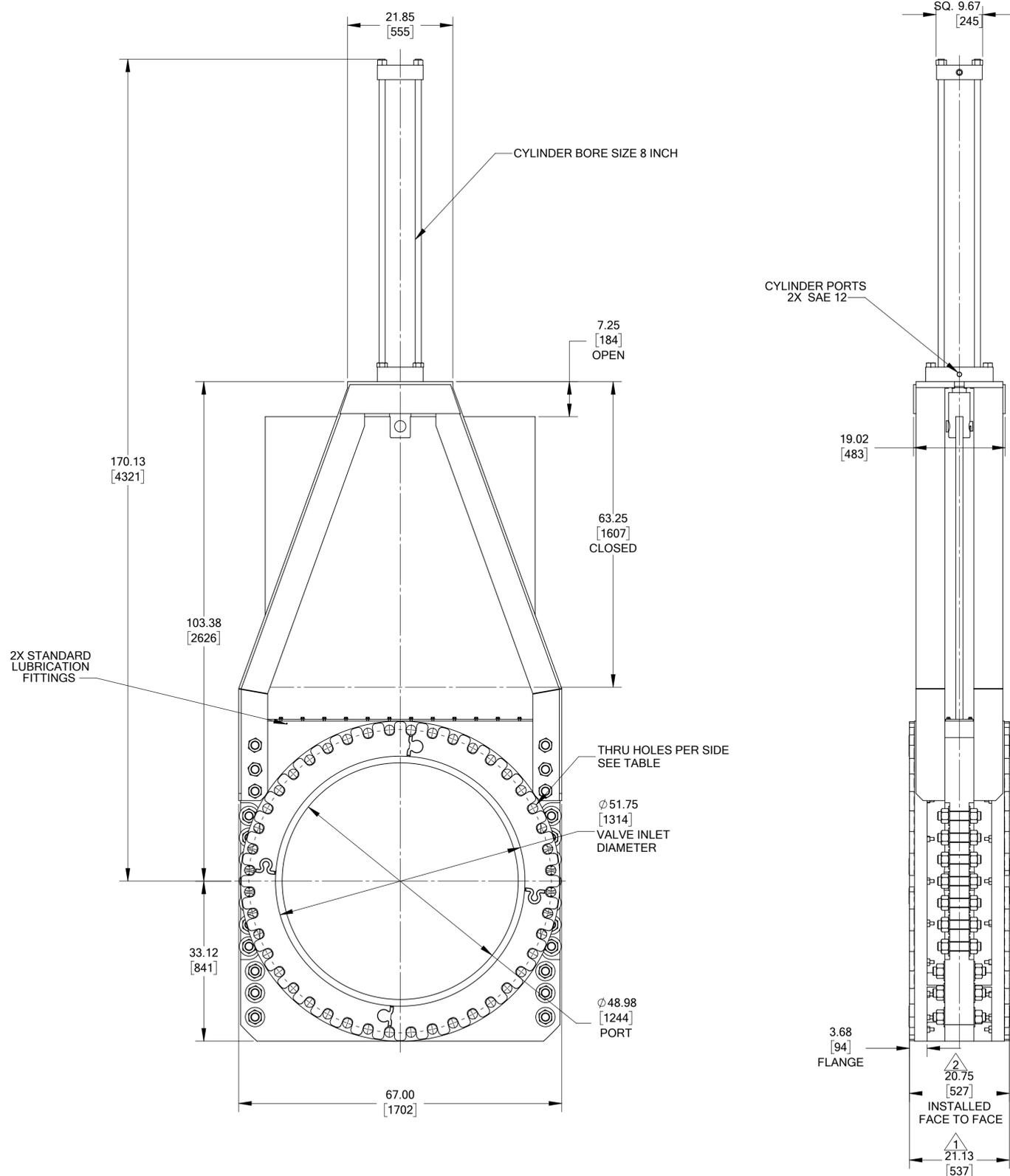


REVISIONS				
ZONE	REV.	DESCRIPTION	DATE	DRAWN BY
	A	INITIAL RELEASED	21-FEB-19	MSK



AVAILABLE WITH DRAIN PLATE OPTION (B9)

FLANGE CONNECTION COMPLIANCE TABLE					
FLANGE STD.	FLANGE TBL.	PCD	NO. BOLTING HOLES	CLEARANCE HOLE SIZE	THREAD
ASME B16.47	150	62.75 in	44	2 in	-
ASME B16.47	150 $\nabla$	62.75 in	44	-	1-3/4-5 UNC

**PIPE/FLANGE SPECIFICATIONS:**

1. MINIMUM GAP IN PIPELINE REQUIRED FOR INSTALLATION
2. INSTALLED FACE-TO-FACE DIMENSION SHOWN WITH COMPRESSED RETAINER FLANGE PROVIDING A GASKET SEAL
3. WHERE PIPEWORK HAS INSUFFICIENT AXIAL MOVEMENT TO ACCOUNT FOR MINIMUM GAP IN PIPELINE REQUIRED FOR INSTALLATION - AN EXPANSION JOINT SHOULD BE CONSIDERED
4. USE OF FLANGE GASKETS IS NOT REQUIRED OR RECOMMENDED - RUBBER-LINED RETAINER FLANGES ACT AS FLANGE GASKET BETWEEN VALVE AND PIPE FLANGE
5. PIPE FLANGE DIMENSIONS
  - a. MAXIMUM INSIDE DIAMETER OF MATING PIPE FLANGE TO BE NO LARGER THAN VALVE INLET DIAMETER +0.25"
  - b. OVERSIZED PIPE FLANGE MAY SUBJECT RETAINER FLANGE AND SLEEVE TO ADDITIONAL WEAR
  - c. MAXIMUM OUTSIDE DIAMETER TO BE PER ASME B16.47
6. SOFT FLANGE AND PIPE LINING MATERIAL WILL NOT COMPRESS VALVE RETAINER FLANGE AND SLEEVE TO ACHIEVE A RELIABLE SEAL AND ENSURE PROPER VALVE OPERATION - CONSULT EMERSON FOR ADVICE WHEN USING NON-METAL PIPE/LINER/FLANGE MATERIAL
7. 150 FLANGE WITH THREADED FLANGE HOLES - AVAILABLE AS OPTION

**NOTES:**

1. MAXIMUM ALLOWABLE WORKING PRESSURE IS 50 PSI [345 kPa] - HIGHER OPTIONAL PRESSURE RATING POSSIBLE WITH SELECTED GATE MATERIALS VALVE PRESSURE RATING MAY BE LIMITED TO LOWER VALUE BY SELECTED FLANGE PATTERN
2. MINIMUM REQUIRED HYDRAULIC CYLINDER SUPPLY PRESSURE TO OPERATE VALVE IS 1800 PSI [12410 kPa], MAXIMUM 3000 PSI [20684 kPa]
3. RECOMMENDED MAXIMUM LINEAR GATE TRAVEL SPEED IS 1 INCH/SECOND
4. APPROXIMATE WEIGHT OF ASSEMBLY IS 8130 LBS
5. ENVELOPE DIMENSION TOLERANCES ARE WITHIN +/- 10%
6. VALVES ARE NORMALLY SHIPPED WITH GATE IN FULLY OPEN POSITION - VALVES MUST BE INSTALLED WITH GATE IN FULLY OPEN POSITION
7. OPTIONAL DRAIN PLATE AS SHOWN

	Size: D	First Issue: 21-FEB-19	Drawing Release Location: RENO
	Units: Inch	Latest Issue: 17-JUN-20	
Drawn By: MSK	CLARKSON, KGA+		
Checked By: NBP	54", 50 PSI, KGV		
Approved By: CC	HC ACTUATOR, RDC-08		
Sheet: 1 OF 1	Drawing No. KGA+-54-01-1000		
Scale: NTS	Rev. A		