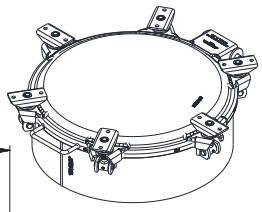
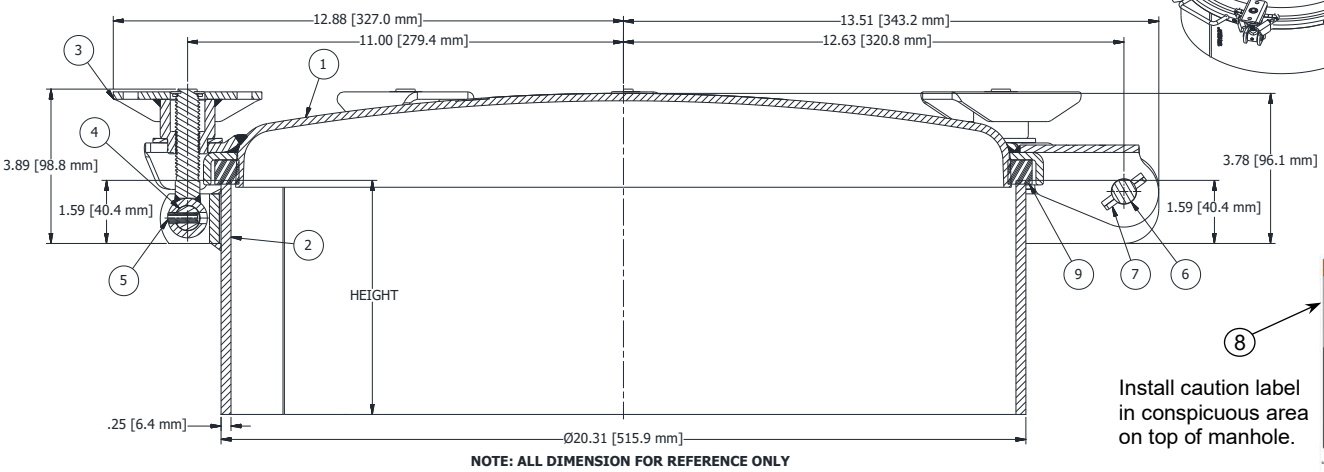
PARTS LIST

Model 8310





Install caution label in conspicuous area on top of manhole.

NOTE: ALL DIMENSION FOR REFERENCE ONLY

No.	Description	Material	Part No.	Qty.
1	Cover	Steel	6381MS	1
		Stainless 316L	6381LC	
2	Collar (* Standard collar heights include 4, 6, 8 or 10 inches)	Alum. (5454 H32)	NT6349AL-*	1
		Stainless 316L	NT6349LC-*	
		Steel (SA414 Gr. C)	NT6349FB-*	
		2205 Duplex	NT6349DP-*	
3	Wing-nut/Swing-bolt Asm. **	304 SS	3912SL	6
4	Swing Bolt Pin	304 SS	3086SL	6
5	1/4” Roll Pin – Swing Bolt	302 SS	9Q8593	6
6	Hinge Pin	304 SS	3818SL	1
7	Roll Pin - Hinge Pin	302 SS	9Q8594	2
8a	Warning Sticker (English)	Vinyl	9W2025	1
8b	Warning Sticker (Spanish)	Vinyl	9W2026	1

No.	Description		Material	Part No.
9	Gasket	W	Hypalon (White)	3513WH
		B	Buna-N (Black)	3513BN
		F	Buna-N (White FDA)	3513WB
		V	FKM Type-A (Brown FDA)	3513VT
		C	FKM Type-B (Green)	3513VB
		G	Viton™ GF	3513GF
		H	Viton™ A (White FDA/NSF)	3513WV
		P	EPDM (Black)	3513EP
		D	EPDM (White FDA)	3513WE
		E	Syntex Fiber (Woven) ŧ	3513NT
		T	PTFE Encaps. Silicone ŧŧ	3513TS
		X	No Gasket Installed	n/a

* To designate collar height, replace asterisk with collar height. Standard heights include 4,6,8 or 10 inches.

** Replacement wing-nut and swing-bolts are sold as assemblies to improve performance and reduce chance of damage during shipment and installation. See website page for additional details and various wing-nut and swing-bolt options.

ŧ Woven packing is difficult to seal and weeps under pressure but is ideal for viscous or hot product applications.

ŧŧ Tef-Sil gasket is difficult to seal and may leak at lower pressure compared to elastomers. See Engineering Bulletin EB-03-99.

MAINTENANCE & USE: Manhole assemblies must be inspected at sufficient frequency, with due regard to the products being transported, to ensure a liquid-tight closure is maintained. Any worn, damaged, or missing components must be replaced, and the top surface of the collar must be inspected for damage or corrosion. Replacement gaskets must be compatible with the products carried. All swing bolt and wing nut assemblies shall be secured to the cover and properly tightened to ensure the pressure retention and product containment performance of the manhole assembly. Refer to Engineering Bulletin EB-07-03 and Maintenance Manual MM-MH001 for additional inspection, maintenance, and usage requirements.

WARNING: Use only genuine Betts replacement parts. Use of substitute parts can impair the proper function and safety of this product and void all warranties.

⚠ **WARNING:** This product can expose you to chemicals including Chromium (hexavalent compounds), which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information go to: www.P65Warnings.ca.gov

Designed, engineered and manufactured in the USA.