

E5 1/2" Bolted Metallic Parts List

AIR VALVE ASSEMBLY					
Item	Description	Qty.	Standard: Polypropylene	Option 1: Aluminum	
	Air Valve Assembly (Includes items 1-10)		E500	E500	
1	Valve Body	1	E500A	E500A	
2	Valve Spool Assembly (Includes U-Cups)	1	E500B ASY	E500B ASY	
3	Valve Spool U-Cup	2	P98-104A	P98-104A	
4	End Cap Assembly (Includes O-Ring)	2	E500D	E500D	
5	End Cap O-Ring (Not Sold Separately)	2	E500E ASY	E500E ASY	
6	Staple	2	E500F	E500F	
7	Air Diverter	1	E500G	E500G	
8	Valve Insert	1	E500H	E500H	
9	Valve Gasket	1	E500J	E500J	
10	Valve Screw	4	S1001	S1001	
AIR END ASSEMBLY					
Item	Description	Qty.			
11	Center Section	1	E501A	E501A-SC	
18	Pilot Shaft	1	E503A	E503A	
19	Pilot Shaft Spacer	5	E503C	E503C	
20	Pilot Shaft O-Ring	6	E503B	E503B	
21	Pilot Shaft Snap Ring	2	E503D	E503D	
22	Shaft Retainer	2	E501B	E501B	
25	Shaft Retainer Screw	4	E501C	E501C	
33	Muffler	1	VTM-3	VTM-3	
DIAPHRAGM ASSEMBLY					
Item	Description	Qty.	TPE/Rubber	Teflon Bonded	Teflon 2-Piece
34	Main Shaft O-Ring	2	E502B	E502B	E502B
35	Main Shaft	1	E502A	E502A	E502A
37	Inner Diaphragm Plate	2	V199	V199	V199
38	Outer Diaphragm Plate	2	SV199B	SV199B	SV199B
40	Diaphragm	2	E505BN E505VT E505XL E505ND E505N E505FG	E505TX	E505TF
41	Back-Up Diaphragm	2	N/A	N/A	E505N
WET END ASSEMBLY					
Item	Description	Qty.	Standard: Aluminum	Option 1: Stainless Steel	Option 2: Hastelloy
44	Water Chamber	2	E504A	E504S	E504H
45	Water Chamber Bolt	16	SV189D	SV189D	SV189D
46	Water Chamber Washer	16	SV189C	SV189C	SV189C
47	Water Chamber Nut	16	SV185B	SV185B	SV185B
49	Valve Seat O-ring	4	V110BN V110HT V110ND V110TES V110TEV V110VT V110XL		
50	Valve Seat	4	V110A	SV110	HV110
52	Valve Ball	4	V111A V111BN V111FG V111SS V111TF V111VT V111XL		
53	Discharge Manifold	1	V196	SV196	HV196
54	Inlet Manifold	1	V197	SV197	HV197
63	Manifold Bolts	8	SV197F	SV197D	SV197D
64	Manifold Washers	8	SV196C	SV196C	SV196C
65	Manifold Nuts	8	SV197E	SV197E	SV197E

Rev. 10-08



EXPLODED VIEWS

Exploded View shows Rugged Diaphragm

Teflon Diaphragms

