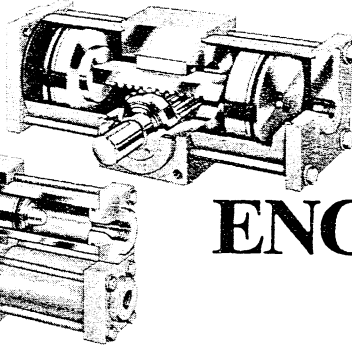


OHIO OSCILLATOR

1707 N. MAIN ST., P.O. BOX 199, ORRVILLE, OHIO 44667-0199



**ENGINEERING
DATA**

00-ED-153
January 2002

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**PROPRIETARY
MATERIALS OF CONSTRUCTION
OHIO OSCILLATOR AIR ROTARY ACTUATOR**

ITEM NO.	PART NAME	MODELS A 6.2 Through A 67.6
STANDARD MODELS — NON CUSHIONED		
1	HOUSING	Aluminum
2	PINION	Heat Treated Alloy Steel
3	RACK	Heat Treated Ductile Iron
4	CYLINDER TUBES	Aluminum
5	PISTONS	Aluminum
6	CYLINDER HEADS	Aluminum
7	BEARING CAP	Steel
8	BEARING	Roller
9	TIE BOLTS	Grade #5 Steel
10	LOCKWASHER	Steel
11	PISTON BOLT	Steel
12	PISTON SEAL	Pre-Loaded Lipseal
13	CYLINDER HEAD O-RING	Buna-N
14	CYLINDER TUBE SEAL	Buna-N
15	BEARING CAP O-RING	Buna-N
16	PINION O-RING	Buna-N
17	SET SCREW	Steel
18	LOCKING PELLET	Nylon
19	O-RING, RACK	Buna-N
20	RELIEF VALVE	Ball Spring Type
STANDARD MODELS — CUSHIONED		
21	CYLINDER HEAD, CUSHIONED	Aluminum
22	BALL-CUSHION CHECK	Steel
23	SPRING-CUSHION CHECK	Music Wire
24	THREAD SEAL, CUSHION CHECK	Buna-N/Steel
25	BINDER HEAD SCREW	Steel
26	CUSHION NOSE	Steel
27	RETAINING RING	Steel
28	CUSHION NEEDLE	Steel
29	JAM NUT	Steel
30	CUSHION NOSE O-RING	Buna-N
31	SEAL, CUSHION NOSE	Buna-N
32	CUSHION NEEDLE O-RING	Buna-N
33	CUSHION NEEDLE BACK-UP RING	Buna-N
STANDARD MODELS — ADJUSTORS		
34	CYLINDER HEAD, ADJUSTOR	Aluminum
35	ADJUSTOR	Steel
36	THREAD SEAL, ADJUSTOR	Buna-N/Steel
37	LOCKNUT, ADJUSTOR	Steel
STANDARD MODELS — ADJUSTORS WITH CUSHIONS		
38	CYL. HEAD, ADJUSTOR CUSHIONED	Aluminum
39	ADJUSTOR CUSHIONED	Steel

Subject to change without prior notice.