

COMMERCIAL HYDRAULICS

PACKING: Vee packing with nylon top and bottom adaptors.
5/16" cross section.

WIPERS: .190 shoulder thickness on wipers.

BEARINGS: One above packing - may be either bronze or nylon.

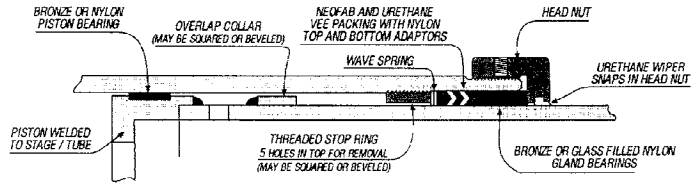
PISTON: Welded to stage. Single action uses single nylon wear ring. Double action uses 3 cast iron piston rings and 2 nylon wear rings.

STAGE O.D.'s: 2.750; 3.750; 4.750; 5.750; 6.750; 7.905; 9.375

SPECIAL INFO.: Threaded internal stop ring. Uses wave spring under vee packing.

IDENTIFICATION: Cylinder number stamped on metal tag on cylinder body.
Ex: SD85MC-15-220 double acting
S85DC-40-190 single acting

COMMERCIAL



CYLINDER REBUILD KITS SINGLE ACTING DUMP BODY CYLINDERS		
Kit includes: Wiper Rings, Packing Assemblies, Bearing Rings, Piston Bearings, Wave Springs, Set Screws & Nylon Balls		
Part Number	Cyl. Model Number	
CM-375-1804-017	S53	
CM-375-1804-020	S62	
CM-375-1804-018	S63	
CM-375-1804-021	S64	
CM-375-1804-019	S73	
CM-375-1804-022	S74	
CM-375-1804-023	S84	
CM-375-1804-024	S85	
CM-375-1804-025	S95	

CYLINDER REPACK KITS SINGLE ACTING DUMP BODY CYLINDERS		
Kit includes: Wiper Rings, Packing Assemblies		
Part Number	Cyl. Model Number	
CM-391-1804-020	S53	
CM-375-1804-026	S62	
CM-391-1804-109	S63	
CM-391-1804-237	S64	
CM-375-1804-002	S73	
CM-375-1804-003	S74	
CM-391-1804-054	S84	
CM-391-1804-060	S85	
CM-375-1804-004	S95	

Part Number	Description	
PACKING & WIPERS (INCLUDES SHIMS)		
CM-3VSW	2-3/4" Vee Set & Wiper	
CM-4VSW	3-3/4" Vee Set & Wiper	
CM-5VSW	4-3/4" Vee Set & Wiper	
CM-6VSW	5-3/4" Vee Set & Wiper	
CM-7VSW	6-3/4" Vee Set & Wiper	
CM-8VSW	7.905" Vee Set & Wiper	
CM-9.37VSW	9-3/8" Vee Set & Wiper	

Part Number	Description	
GLAND BEARINGS		
CM-275NB	2-3/4" Gland Bearing	
CM-375NB	3-3/4" Gland Bearing	
CM-475NB	4-3/4" Gland Bearing	
CM-575NB	5-3/4" Gland Bearing	
CM-675NB	6-3/4" Gland Bearing	
CM-790NB	7.905" Gland Bearing	
CM-937NB	9-3/8" Gland Bearing	
GLAND BEARINGS KITS		
CM-NYB35	2-3/4" - 4-3/4" Gland Bearings	
CM-NYB46	3-3/4" - 5-3/4" Gland Bearings	
CM-NYB47	3-3/4" - 6-3/4" Gland Bearings	
CM-NYB48	3-3/4" - 7.905" Gland Bearings	
CM-NYB49	3-3/4" - 9-3/8" Gland Bearings	
CM-NYB57	4-3/4" - 6-3/4" Gland Bearings	
CM-NYB58	4-3/4" - 7.905" Gland Bearings	
PISTON BEARINGS		
CM-391-2684-123	2-3/4" Piston Bearing	
CM-391-2684-069	3-3/4" Piston Bearing	
CM-391-2684-070	4-3/4" Piston Bearing	
CM-391-2684-071	5-3/4" Piston Bearing	
CM-391-2684-072	6-3/4" Piston Bearing	
CM-391-2684-098	9-3/8" Piston Bearing	
NYLON PISTON BEARINGS		
CM-U3023-32	2-3/4" Piston Bearing	
CM-U3023-42	3-3/4" Piston Bearing	
CM-U3023-52	4-3/4" Piston Bearing	
CM-U3023-62	5-3/4" Piston Bearing	
CM-U3023-72	6-3/4" Piston Bearing	
CM-U3023-84	7.905" Piston Bearing	
CM-U3023-98	9-3/8" Piston Bearing	
CM-X29-1	Bleeder Valve	
BRONZE PISTON BEARINGS		
CM-375-9023-038	4-3/4" Bronze Piston Bearings	
CM-U3023-52B	4-3/4" Bronze Piston Bearings	
CM-375-9023-039	5-3/4" Bronze Piston Bearings	
CM-U3023-62B	5-3/4" Bronze Piston Bearings	

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Part Number	Description	
BRONZE PISTON BEARINGS		
CM-375-9023-040	6-3/4" Bronze Piston Bearings	
CM-U3023-72B	6-3/4" Bronze Piston Bearings	
CM-375-9023-041	7.905" Bronze Piston Bearings	
CM-U3023-84B	7.905" Bronze Piston Bearings	
CM-375-9023-042	9-3/8" Bronze Piston Bearings	
CM-U3023-98B	9-3/8" Bronze Piston Bearings	
PISTON RINGS (Double Acting)		
CM-X78-4-25	3-3/4" Piston Ring	
CM-X78-5-25	4-3/4" Piston Ring	
CM-X78-6-25	5-3/4" Piston Ring	
CM-X78-7-25	6-3/4" Piston Ring	
CM-X78-8-437	7.905" Piston Ring	
CM-X78-9-88	9-3/8" Piston Ring	
KITS		
CM-35	2-3/4" - 4-3/4" Vee Sets & Wipers	
CM-36	2-3/4" - 5-3/4" Vee Sets & Wipers	
CM-38	2-3/4" - 7.905" Vee Sets & Wipers	
CM-46	3-3/4" - 5-3/4" Vee Sets & Wipers	
CM-47	3-3/4"-6-3/4" Vee Sets & Wipers	
CM-48	3-3/4"-7.905" Vee Sets & Wipers	
CM-49	3-3/4"-9-3/8" Vee Sets & Wipers	
CM-56	4-3/4" - 5-3/4" Vee Sets & Wipers	
CM-57	4-3/4"-6-3/4" Vee Sets & Wipers	
CM-58	4-3/4"-7.905" Vee Sets & Wipers	
CM-59	5"-9" Vee Sets & Wipers	
CM-69	5-3/4"-9-3/8" Vee Sets & Wipers	
CM-NPB35	2-3/4"-4-3/4" Piston Bearings	
CM-NPB36	2-3/4"-5-3/4" Piston Bearings	
CM-NPB46	3-3/4"-5-3/4" Piston Bearing	
CM-NPB47	3-3/4"-6-3/4" Piston Bearings	
CM-NPB48	3-3/4"-7.905" Piston Bearings	
CM-NPB57	4-3/4"-6-3/4" Piston Bearings	
CM-NPB58	4-3/4"-7.905" Piston Bearings	
CM-NYB35	2-3/4"-4-3/4" Gland Bearings	
CM-NYB36	2-3/4"-5-3/4" Gland Bearings	
CM-NYB47	3-3/4"-6-3/4" Gland Bearings	
CM-NYB48	3-3/4"-7.905" Gland Bearings	
CM-NYB57	4-3/4"-6-3/4" Gland Bearings	
CM-NYB58	4-3/4"-7.905" Gland Bearings	
CM-NYB69	5-3/4"-9-3/8" Gland Bearings	
CM-PR48	3-3/4"-7.905" Piston Rings	
CM-PR58	4-3/4"-7.905" Piston Rings	
CM-375-1805-062	2-3/4,3-3/4,4-3/4	
THREADED STOPS		
CM-F3020	3-3/4" Threaded Stop Ring	
CM-F4020	2-3/4" Threaded Stop Ring	
CM-F5020	5-3/4" Threaded Stop Ring	
CM-F6020	4-3/4" Threaded Stop Ring	

Part Number	Description	
THREADED STOPS		
CM-F7020	6-3/4" Threaded Stop Ring	
CM-F9020	9-3/8" Threaded Stop Ring	
CM-G8020	7.905" Threaded Stop Ring	
HEAD NUTS (MEASURED AT WIPER I.D.)		
CM-MA3011-37	3-3/4" Bronze Internal Head Nut	
CM-MA3011-47	4-3/4" Bronze Internal Head Nut	
CM-MA3011-57	5-3/4" Bronze Internal Head Nut	
CM-MA3011-67	6-3/4" Bronze Internal Head Nut	
CM-MA3011-79	7.905" Bronze Internal Head Nut	
CM-MA3011-93	9-3/8" Bronze Internal Head Nut	
CM-391-1470-162	2-3/4" Steel External Head Nut	
CM-YA3011-27	2-3/4" Steel External Head Nut	
CM-391-1470-163	3-3/4" Steel External Head Nut	
CM-YA3011-37	3-3/4" Steel External Head Nut	
CM-391-1470-164	4-3/4" Steel External Head Nut	
CM-YA3011-47	4-3/4" Steel External Head Nut	
CM-391-1470-165	5-3/4" Steel External Head Nut	
CM-YA3011-57	5-3/4" Steel External Head Nut	
CM-391-1470-166	6-3/4" Steel External Head Nut	
CM-YA3011-67	6-3/4" Steel External Head Nut	
CM-YA3011-79	7.905" Steel External Head Nut	
CM-YA3011-93	9-3/8" Steel External Head Nut	
VALVE SERVICE KITS		
CM-391-1803-030	Valve Series A20 Service Kit	
CM-391-1803-201	Valve Series A35 Service Kit	
WAVE SPRINGS		
CM-P1327-27	2-3/4" Wave Spring	
CM-391-3581-320	2-3/4" Wave Spring	
CM-375-9327-003	3-1/8" Wave Spring	
CM-P1327-37	3-3/4" Wave Spring	
CM-391-3581-300	3-3/4" Wave Spring	
CM-375-9327-008	4-1/8" Wave Spring	
CM-P1327-47	4-3/4" Wave Spring	
CM-391-3581-301	4-3/4" Wave Spring	
CM-P1327-57	5-3/4" Wave Spring	
CM-391-3581-302	5-3/4" Wave Spring	
CM-P1327-67	6-3/4" Wave Spring	
CM-391-3581-303	6-3/4" Wave Spring	
CM-P1327-79	7.905" Wave Spring	
CM-P1327-93	9-3/8" Wave Spring	
CM-391-3581-310	9-3/8" Wave Spring	
MISCELLANEOUS		
CM-391-1281-005	Grease Fitting 1/8 NPT	
CM-375-2686-010	Lock Wire	
CM-391-1431-121	Set Screw	
CM-391-1431-141	Set Screw	
CM-391-0284-004	Nylon Ball	

REPLACEMENT PARTS FOR COMMERCIAL EQUIPMENT

NOTE: Commercial part numbers are used as a reference only. We do not imply that these kits are original REPLACEMENT PARTS.

BACK-UP RINGS

Part Number	Min. Pkgs.	
CM-11218	10	
CM-11224	10	
CM-11228	10	
CM-11232	10	
CM-11236	10	
CM-11252	1	
CM-11322	10	
CM-11326	10	
CM-11330	10	
CM-11334	10	
CM-11336	10	
CM-11338	10	
CM-11339	10	
CM-11342	5	
CM-11343	5	
CM-11346	5	
CM-11347	5	
CM-11350	5	
CM-11351	1	
CM-11354	1	
CM-11355	1	
CM-11358	1	
CM-11359	1	
CM-11364	1	
CM-11368	1	
CM-11425	3	
CM-11429	1	
CM-11433	1	
CM-11439	1	
CM-11443	1	
CM-11448	1	
CM-11450	1	
CM-375-2681-031	1	
CM-375-2681-041	10	
CM-375-2681-042	5	
CM-375-2681-049	1	
CM-375-2681-050	5	
CM-375-2681-056	1	
CM-375-2681-063	5	
CM-391-2681-016	25	

BACK-UP RINGS

Part Number	Min. Pkgs.	
CM-391-2681-040	1	
CM-391-2681-041	10	
CM-391-2681-064	1	
CM-391-2681-068	1	
CM-391-2681-070	1	
CM-391-2681-074	1	
CM-391-2681-075	1	
CM-391-2681-081	1	
CM-391-2681-090	1	
CM-391-2681-261	1	
CM-391-2681-303	10	
CM-391-2681-320	10	
CM-391-2681-326	10	
CM-391-2681-330	5	
CM-391-2681-331	5	
CM-391-2681-354	5	
CM-391-2681-389	1	
CM-391-2681-409	25	
CM-391-2681-410	25	
CM-391-2681-413	5	
CM-391-2681-419	1	
CM-391-2681-420	5	
CM-391-2681-436	10	
CM-391-2681-450	10	
CM-391-2681-551	1	
CM-391-2681-572	5	
CM-391-2681-574	25	
CM-391-2681-576	5	
CM-391-2681-578	10	
CM-391-2681-639	25	
CM-391-2691-001	10	
CM-391-2691-002	10	
CM-391-2691-008	10	
CM-391-2691-016	10	
CM-391-2691-028	5	
CM-391-2691-034	1	
CM-391-2691-040	1	
CM-391-2691-043	1	
CM-391-2881-450	10	

BUFFER RINGS

Part Number	Rod Dia.	
CM-260015	1-1/8	
CM-375-9006-333	1-3/4	
CM-26004	2	
CM-375-9006-344	2	
CM-26010	2-5/8	
CM-375-9006-345	3	
CM-26036	4	
CM-375-9006-513	5	
CM-375-9006-516	5	
CM-375-9006-480	7	

O-RINGS

Part Number	Min. Pkgs.	
CM-10016	50	
CM-10022	50	
CM-10113	50	
CM-10116	50	
CM-10120	50	
CM-10128	20	
CM-10129	20	
CM-10153	20	
CM-10218	50	
CM-10222	20	
CM-10224	20	
CM-10228	20	
CM-10230	20	
CM-10232	20	
CM-10232U	2	
CM-10236	20	
CM-10242	10	
CM-10246	10	
CM-10252	10	
CM-10254	5	
CM-10322	20	
CM-10326	20	
CM-10330	20	
CM-10334	20	
CM-10336	10	

REPLACEMENT PARTS FOR COMMERCIAL EQUIPMENT

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O-RINGS			O-RINGS			O-RINGS		
Part Number	Min. Pkgs.		Part Number	Min. Pkgs.		Part Number	Min. Pkgs.	
CM-10338	10		CM-391-2881-001	30		CM-391-2881-043	2	
CM-10339	10		CM-391-2881-002	30		CM-391-2881-044	2	
CM-10342	10		CM-391-2881-003	20		CM-391-2881-046	1	
CM-10343	10		CM-391-2881-004	20		CM-391-2881-048	1	
CM-10346	10		CM-391-2881-005	20		CM-391-2881-049	1	
CM-10347	10		CM-391-2881-006	15		CM-391-2881-050	1	
CM-10350	5		CM-391-2881-007	15		CM-391-2881-051	1	
CM-10351	5		CM-391-2881-008	15		CM-391-2881-052	1	
CM-10354	5		CM-391-2881-009	15		CM-391-2881-053	1	
CM-10355	5		CM-391-2881-010	15		CM-391-2881-054	1	
CM-10358	5		CM-391-2881-012	10		CM-391-2881-055	1	
CM-10359	5		CM-391-2881-013	10		CM-391-2881-056	1	
CM-10364	5		CM-391-2881-014	10		CM-391-2881-095	50	
CM-10368	5		CM-391-2881-015	10		CM-391-2881-096	50	
CM-10425	5		CM-391-2881-016	5		CM-391-2881-100	20	
CM-10429	5		CM-391-2881-017	5		CM-391-2881-102	50	
CM-10433	5		CM-391-2881-018	5		CM-391-2881-113	20	
CM-10439	5		CM-391-2881-019	4		CM-391-2881-114	10	
CM-10443	1		CM-391-2881-020	3		CM-391-2881-117	10	
CM-10448	1		CM-391-2881-021	4		CM-391-2881-124	20	
CM-10450	1		CM-391-2881-022	2		CM-391-2881-140	50	
CM-30337	10		CM-391-2881-023	5		CM-391-2881-142	20	
CM-30345	7		CM-391-2881-024	5		CM-391-2881-146	10	
CM-30349	6		CM-391-2881-025	5		CM-391-2881-153	5	
CM-30427	3		CM-391-2881-027	10		CM-391-2881-154	10	
CM-30431	3		CM-391-2881-028	4		CM-391-2881-165	5	
CM-30434	3		CM-391-2881-029	5		CM-391-2881-167	10	
CM-375-2881-025	1		CM-391-2881-030	3		CM-391-2881-172	20	
CM-375-2881-033	5		CM-391-2881-031	3		CM-391-2881-187	1	
CM-375-2881-038	10		CM-391-2881-032	3		CM-391-2881-189	1	
CM-375-2881-039	5		CM-391-2881-033	3		CM-391-2881-197	50	
CM-375-2881-043	1		CM-391-2881-034	3		CM-391-2881-215	50	
CM-375-2881-044	5		CM-391-2881-035	3		CM-391-2881-230	5	
CM-375-2881-047	1		CM-391-2881-036	3		CM-391-2881-232	20	
CM-375-2881-048	5		CM-391-2881-037	3		CM-391-2881-237	20	
CM-375-2881-051	5		CM-391-2881-038	3		CM-391-2881-263	1	
CM-375-2881-052	5		CM-391-2881-039	3		CM-391-2881-280	5	
CM-375-2881-056	1		CM-391-2881-040	2		CM-391-2881-321	50	
CM-375-2884-002	5		CM-391-2881-041	2		CM-391-2881-322	50	
CM-391-2811-371	10		CM-391-2881-042	2		CM-391-2881-323	50	

REPLACEMENT PARTS FOR COMMERCIAL EQUIPMENT

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O-RINGS

Part Number	Min. Pkgs.	
CM-391-2881-324	50	
CM-391-2881-325	50	
CM-391-2881-326	50	
CM-391-2881-327	50	
CM-391-2881-328	50	
CM-391-2881-329	50	
CM-391-2881-330	50	
CM-391-2881-331	50	
CM-391-2881-332	50	
CM-391-2881-333	50	
CM-391-2881-334	50	
CM-391-2881-335	50	
CM-391-2881-336	50	
CM-391-2881-337	50	
CM-391-2881-338	50	
CM-391-2881-339	50	
CM-391-2881-340	50	
CM-391-2881-342	20	
CM-391-2881-343	20	
CM-391-2881-344	20	
CM-391-2881-345	20	
CM-391-2881-346	20	
CM-391-2881-347	20	
CM-391-2881-348	20	
CM-391-2881-349	20	
CM-391-2881-350	20	
CM-391-2881-351	20	
CM-391-2881-352	20	
CM-391-2881-353	10	
CM-391-2881-356	10	
CM-391-2881-357	10	
CM-391-2881-358	10	
CM-391-2881-359	10	
CM-391-2881-360	10	
CM-391-2881-361	10	
CM-391-2881-362	50	
CM-391-2881-363	50	
CM-391-2881-364	5	
CM-391-2881-365	1	
CM-391-2881-366	1	

O-RINGS

Part Number	Min. Pkgs.	
CM-391-2881-367	1	
CM-391-2881-368	10	
CM-391-2881-369	10	
CM-391-2881-370	5	
CM-391-2881-372	5	
CM-391-2881-373	5	
CM-391-2881-374	1	
CM-391-2881-379	1	
CM-391-2881-380	1	
CM-391-2881-381	1	
CM-391-2881-382	1	
CM-391-2881-383	1	
CM-391-2881-384	1	
CM-391-2881-386	1	
CM-391-2881-387	1	
CM-391-2881-394	3	
CM-391-2881-406	1	
CM-391-2881-407	5	
CM-391-2881-410	1	
CM-391-2881-411	10	
CM-391-2881-425	1	
CM-391-2881-443	50	
CM-391-2881-451	20	
CM-391-2881-452	1	
CM-391-2881-454	50	
CM-391-2881-474	1	
CM-391-2881-475	1	
CM-391-2881-476	20	
CM-391-2881-480	20	
CM-391-2881-481	10	
CM-391-2881-486	5	
CM-391-2881-487	2	
CM-391-2881-498	20	
CM-391-2881-499	20	
CM-391-2881-601	2	
CM-391-2881-602	2	
CM-391-2881-603	10	
CM-391-2881-610	5	
CM-391-2881-612	3	
CM-391-2881-620	2	

O-RINGS

Part Number	Min. Pkgs.	
CM-391-2881-632	50	
CM-391-2881-634	50	
CM-391-2881-649	10	
CM-391-2881-699	2	
CM-391-2881-700	1	
CM-391-2881-701	1	
CM-391-2881-702	1	
CM-391-2881-705	5	
CM-391-2881-708	2	
CM-391-2881-714	1	
CM-391-2881-715	1	
CM-391-2881-716	1	
CM-391-2881-719	40	
CM-391-2881-726	1	
CM-391-2881-728	10	
CM-391-2881-731	1	
CM-391-2881-732	10	
CM-391-2881-733	1	
CM-391-2881-734	1	
CM-391-2881-735	20	
CM-391-2881-760	5	
CM-391-2881-761	10	
CM-391-2881-762	1	
CM-391-2881-763	20	
CM-391-2881-764	5	
CM-391-2881-765	20	
CM-391-2881-766	10	
CM-391-2881-772	10	
CM-391-2881-777	10	
CM-391-2881-783	20	
CM-391-2881-785	50	
CM-391-2881-792	50	
CM-391-2881-793	50	
CM-391-2881-795	50	
CM-391-2881-796	50	
CM-391-2881-822	50	
CM-391-2881-839	50	
CM-391-2882-230	10	
CM-391-2882-236	50	
CM-391-2882-328	20	

REPLACEMENT PARTS FOR COMMERCIAL EQUIPMENT

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O-RINGS

Part Number	Min. Pkgs.	
CM-391-2884-003	12	
CM-391-2884-029	3	

PISTON RINGS

Part Number	Bore Dia.	
CM-31150	1-1/2	
CM-31201	2	
CM-31202	2	
CM-31203	2	
CM-31251	2	
CM-31252	2-1/2	
CM-31302	3	
CM-31303	3	
CM-31304	3	
CM-31321	3-1/4	
CM-31322	3-1/4	
CM-31323	3-1/4	
CM-375-9078-024	3.49	
CM-31351	3-1/2	
CM-31352	3-1/2	
CM-31353	3-1/2	
CM-391-2681-637	3-1/2	
CM-31375	3-3/4	
CM-31403	3.99	
CM-31402	4	
CM-31404	4	
CM-375-9078-025	4	
CM-31423	4-1/4	
CM-31452	4-1/2	
CM-31453	4-1/2	
CM-31454	4-1/2	
CM-375-9078-026	4-1/2	
CM-391-2681-636	4-1/2	
CM-31475	4-3/4	
CM-31502	5	
CM-31503	5	
CM-31504	5	
CM-31512	5-1/8	
CM-391-2683-019	5.26	
CM-31552	5-1/2	
CM-31553	5-1/2	
CM-31554	5-1/2	

PISTON RINGS

Part Number	Bore Dia.	List
CM-375-9078-016	5-1/2	
CM-375-9078-027	5-1/2	
CM-31575	5-3/4	
CM-31603	6	
CM-31604	6	
CM-31624	6-1/4	
CM-391-2683-024	6.26	
CM-31653	6-1/2	
CM-31654	6-1/2	
CM-31703	7	
CM-31704	7	
CM-391-2683-029	7.26	
CM-31705	7-1/2	
CM-31803	8	
CM-391-2683-034	8.42	
CM-391-2683-042	9.88	
CM-391-2683-037	10-1/2	

PISTON SEALS

Part Number	Bore Dia.	
CM-29112	1-1/8	
CM-29128	1-1/4	
CM-29137	1-3/8	
CM-29138	1-3/8	
CM-29150	1-1/2	
CM-29176	1-3/4	
CM-29200	2	
CM-29201	2	
CM-29202	2	
CM-29225	2-1/4	
CM-29226	2-1/4	
CM-29227	2-1/4	
CM-29250	2-1/2	
CM-29251	2-1/2	
CM-29252	2-1/2	
CM-29252755	2-1/2	
CM-375-9006-200	2-1/2	
CM-29275	2-3/4	
CM-29276	2-3/4	
CM-29277	2-3/4	
CM-375-9006-416	2.999	
CM-29300	3	

PISTON SEALS

Part Number	Bore Dia.	
CM-29301	3	
CM-29302	3	
CM-29302755	3	
CM-29303	3	
CM-375-9006-329	3	
CM-391-2683-061	3	
CM-391-2881-748	3	
CM-29324	3-1/4	
CM-29325	3-1/4	
CM-29326	3-1/4	
CM-29327	3-1/4	
CM-29327755	3-1/4	
CM-29328	3-1/4	
CM-29350	3-1/2	
CM-29351	3-1/2	
CM-29352	3-1/2	
CM-29352755	3-1/2	
CM-375-9006-245	3-1/2	
CM-375-9006-334	3-1/2	
CM-375-9006-417	3-1/2	
CM-375-9006-458	3-1/2	
CM-29375	3-3/4	
CM-29376	3-3/4	
CM-29377	3-3/4	
CM-375-9006-172	3-3/4	
CM-391-2882-329	3-3/4	
CM-29400	4	
CM-29401	4	
CM-29402	4	
CM-29402755	4	
CM-29402CT	4	
CM-29403	4	
CM-29404	4	
CM-375-9006-022	4	
CM-375-9006-331	4	
CM-375-9006-419	4	
CM-391-2683-071	4	
CM-29425	4-1/4	
CM-29427	4-1/4	
CM-391-2683-050	4-1/4	
CM-391-2683-079	4-1/4	
CM-375-9006-046	4.265	
CM-29450	4-1/2	
CM-29451	4-1/2	
CM-29452	4-1/2	
CM-29452755	4-1/2	

REPLACEMENT PARTS FOR COMMERCIAL EQUIPMENT

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PISTON SEALS

Part Number	Bore Dia.	
CM-391-2683-055	4-1/2	
CM-375-9006-256	4.627	
CM-29475	4-3/4	
CM-29476	4-3/4	
CM-29477	4-3/4	
CM-29500	5	
CM-29501	5	
CM-29502	5	
CM-29502755	5	
CM-29503	5	
CM-375-9006-495	5	
CM-391-2683-062	5	
CM-375-9006-350	5.001	
CM-375-9006-418	5.001	
CM-29526	5-1/4	
CM-29527	5-1/4	
CM-29529	5-1/4	
CM-391-2683-046	5-1/4	
CM-29550	5-1/2	
CM-29551	5-1/2	
CM-29552	5-1/2	
CM-29552755	5-1/2	
CM-375-9006-211	5-1/2	
CM-29575	5-3/4	
CM-29576	5-3/4	
CM-29577	5-3/4	
CM-29600	6	
CM-29601	6	
CM-29602	6	
CM-29602755	6	
CM-29602CT	6	
CM-391-2683-063	6	
CM-29625	6-1/4	
CM-29650	6-1/2	
CM-29652	6-1/2	
CM-375-9006-264	6-1/2	
CM-29700	7	
CM-29702	7	
CM-29702755	7	
CM-391-2683-080	7	
CM-391-2683-044	7-1/4	
CM-29752	7-1/2	
CM-29800	8	
CM-29802	8	
CM-29802755	8	
CM-391-2683-056	8	

PISTON SEALS

Part Number	Bore Dia.	
CM-29850	8-1/2	
CM-29851	8-1/2	
CM-375-9006-402	8-1/2	
CM-29902	9	
CM-29902755	9	
CM-391-2683-048	9	
CM-391-2683-057	9-1/2	
CM-29010	10	
CM-29010755	10	
CM-29015	10-1/2	
CM-391-2683-064	11	
CM-375-9006-193	12	

RETAINER RINGS

Part Number	
CM-375-2685-002	
CM-375-2686-009	

ROD SEALS

Part Number	Rod Dia.	
CM-391-2881-483	3/4	
CM-391-2881-745	7/8	
CM-391-2881-739	1	
CM-391-2881-617	1-1/4	
CM-22082-621	1-1/2	
CM-391-2881-736	1-1/2	
CM-391-2881-740	1-3/4	
CM-22005-621	2	
CM-391-2881-679	2	
CM-22009-621	2-1/2	
CM-391-2881-706	2-1/2	
CM-391-2881-743	2-3/4	
CM-22031-621	3	
CM-391-2881-742	3	
CM-391-2881-758	3	
CM-391-2881-737	3-3/4	
CM-391-2881-698	3-7/8	
CM-22098-621	4	
CM-375-9006-388	4	
CM-391-2881-738	4	

ROD SEALS

Part Number	Rod Dia.
CM-391-2881-741	4-1/4
CM-391-2881-744	5-1/4

U-SEALS

Part Number	Rod Dia.	
CM-220004	3/4	
CM-220005	3/4	
CM-22001	3/4	
CM-22016	7/8	
CM-22017	7/8	
CM-22202	7/8	
CM-22002	1	
CM-22066	1	
CM-22074	1	
CM-22224	1	
CM-23011	1	
CM-23086	1	
CM-23223	1	
CM-23224	1	
CM-22010	1-1/8	
CM-22014	1-1/8	
CM-22020	1-1/8	
CM-22220	1-1/8	
CM-23226	1-1/8	
CM-22003	1-1/4	
CM-22216	1-1/4	
CM-22217	1-1/4	
CM-23096	1-1/4	
CM-23097	1-1/4	
CM-23098	1-1/4	
CM-23228	1-1/4	
CM-23229	1-1/4	
CM-375-9006-028	1-1/4	
CM-391-1982-903	1-1/4	
CM-22021	1-3/8	
CM-22022	1-3/8	
CM-22045	1-3/8	
CM-23231	1-3/8	
CM-23406	1-3/8	
CM-22059	1-1/2	
CM-22065	1-1/2	
CM-22082	1-1/2	
CM-22221	1-1/2	
CM-22227	1-1/2	

REPLACEMENT PARTS FOR COMMERCIAL EQUIPMENT

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U-SEALS

Part Number	Rod Dia.	List
CM-23105	1-1/2	
CM-23106	1-1/2	
CM-23233	1-1/2	
CM-23234	1-1/2	
CM-391-1982-905	1-1/2	
CM-22056	1.062	
CM-22006	1-5/8	
CM-22083	1-5/8	
CM-22205	1-5/8	
CM-22230	1-5/8	
CM-23109	1-5/8	
CM-22004	1-3/4	
CM-22042	1-3/4	
CM-22204	1-3/4	
CM-22231	1-3/4	
CM-23112	1-3/4	
CM-23114	1-3/4	
CM-23141	1-3/4	
CM-23238	1-3/4	
CM-23239	1-3/4	
CM-23414	1-3/4	
CM-375-9006-087	1-3/4	
CM-391-1982-900	1-3/4	
CM-22102	1-7/8	
CM-22005	2	
CM-22049	2	
CM-22073	2	
CM-22076	2	
CM-22203	2	
CM-23118	2	
CM-23119	2	
CM-23246	2	
CM-23247	2	
CM-23248	2	
CM-23249	2	
CM-23920	2	
CM-375-9006-411	2	
CM-391-1982-899	2	
CM-22222	2-1/8	
CM-22007	2-1/4	
CM-22064	2-1/4	
CM-22078	2-1/4	
CM-23253	2-1/4	
CM-23427	2-1/4	
CM-391-1982-890	2-1/4	
CM-23432	2-3/8	
CM-375-9006-174	2-3/8	

U-SEALS

Part Number	Rod Dia.	
CM-22009	2-1/2	
CM-22025	2-1/2	
CM-22026	2-1/2	
CM-22050	2-1/2	
CM-22060	2-1/2	
CM-22061	2-1/2	
CM-22079	2-1/2	
CM-22207	2-1/2	
CM-23134	2-1/2	
CM-23259	2-1/2	
CM-23260	2-1/2	
CM-23433	2-1/2	
CM-23576	2-1/2	
CM-375-9006-173	2-1/2	
CM-375-9006-432	2-1/2	
CM-391-1982-891	2-1/2	
CM-22028	2-5/8	
CM-22029	2-5/8	
CM-23136	2-5/8	
CM-23578	2-5/8	
CM-22030	2-3/4	
CM-22100	2-3/4	
CM-22101	2-3/4	
CM-23264	2-3/4	
CM-23581	2-3/4	
CM-375-9006-088	2-3/4	
CM-391-1982-902	2-3/4	
CM-22215	2-7/8	
CM-375-9006-154	2-7/8	
CM-22011	3	
CM-22031	3	
CM-22032	3	
CM-22044	3	
CM-22047	3	
CM-23268	3	
CM-23269	3	
CM-23446	3	
CM-23586	3	
CM-375-9006-092	3	
CM-375-9006-108	3	
CM-375-9006-238	3	
CM-375-9006-343	3	
CM-375-9006-430	3	
CM-391-1982-909	3	
CM-23149	3-1/8	
CM-22068	3-1/4	
CM-22081	3-1/4	

U-SEALS

Part Number	Rod Dia.	
CM-22210	3-1/4	
CM-23273	3-1/4	
CM-23274	3-1/4	
CM-23593	3-1/4	
CM-375-9006-431	3-1/4	
CM-391-1982-892	3-1/4	
CM-22012	3-1/2	
CM-22051	3-1/2	
CM-22072	3-1/2	
CM-22085	3-1/2	
CM-22096	3-1/2	
CM-23279	3-1/2	
CM-391-1982-120	3-1/2	
CM-391-1982-910	3-1/2	
CM-22018	3-5/8	
CM-22069	3-5/8	
CM-22089	3-5/8	
CM-22095	3-5/8	
CM-22041	3-3/4	
CM-22228	3-3/4	
CM-23286	3-3/4	
CM-23604	3-3/4	
CM-375-9006-319	3-3/4	
CM-375-9006-349	3-3/4	
CM-391-1982-894	3-3/4	
CM-375-9006-043	3-7/8	
CM-22034	4	
CM-22053	4	
CM-22055	4	
CM-22098	4	
CM-23291	4	
CM-23292	4	
CM-23293	4	
CM-23294	4	
CM-375-9006-019	4	
CM-375-9006-054	4	
CM-391-1982-904	4	
CM-22035	4-1/4	
CM-22048	4-1/4	
CM-22209	4-1/4	
CM-22219	4-1/4	
CM-23616	4-1/4	
CM-23617	4-1/4	
CM-23618	4-1/4	
CM-375-9006-257	4-1/4	
CM-391-1982-893	4-1/4	
CM-22036	4-1/2	

REPLACEMENT PARTS FOR COMMERCIAL EQUIPMENT

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U-SEALS

Part Number	Rod Dia.	List
CM-22088	4-1/2	
CM-22214	4-1/2	
CM-23304	4-1/2	
CM-23306	4-1/2	
CM-23621	4-1/2	
CM-375-9006-096	4-1/2	
CM-375-9006-145	4-1/2	
CM-375-9006-403	4-1/2	
CM-375-9006-407	4-1/2	
CM-22058	4-5/8	
CM-375-9006-182	4-5/8	
CM-22052	4-3/4	
CM-22218	4-3/4	
CM-23630	4-3/4	
CM-375-9006-246	4-3/4	
CM-375-9006-280	4-3/4	
CM-391-1982-895	4-3/4	
CM-22037	5	
CM-22087	5	
CM-22094	5	
CM-22290	5	
CM-23318	5	
CM-23320	5	
CM-23670	5	
CM-375-9006-434	5	
CM-375-9006-457	5	
CM-391-1982-908	5	
CM-23638	5-1/4	
CM-23639	5-1/4	
CM-23640	5-1/4	
CM-23493	5-3/8	
CM-23494	5-3/8	
CM-23495	5-3/8	
CM-22038	5-1/2	
CM-22039	5-1/2	
CM-22040	5-1/2	
CM-23330	5-1/2	
CM-23331	5-1/2	
CM-23645	5-1/2	
CM-375-9006-316	5-1/2	
CM-375-9006-450	5-1/2	
CM-22091	5-3/4	
CM-23658	5-3/4	
CM-375-9006-281	5-3/4	
CM-391-1982-896	5-3/4	
CM-22054	6	
CM-22070	6	

U-SEALS

Part Number	Rod Dia.	List
CM-375-9006-025	6	
CM-22225	6-1/4	
CM-23659	6-1/4	
CM-23660	6-1/4	
CM-22062	6-1/2	
CM-22092	6-1/2	
CM-375-9006-020	6-1/2	
CM-375-9006-455	6-1/2	
CM-375-9006-197	6-3/4	
CM-375-9006-098	7	
CM-375-9006-479	7	
CM-22097	7-1/2	
CM-375-9006-024	8	
CM-375-9006-021	8-1/2	
CM-22063	9	
CM-375-9006-097	9-1/4	

VEE SETS

Part Number	Rod Dia.
CM-21039	1-1/2

WEAR RINGS

Part Number	O.D. X Width
CM-25000	1-1/4 X 3/8
CM-25125	1-1/4 X 1/2
CM-25122	1-1/2 X 3/8
CM-25124	1-1/2 X 1/2
CM-375-9023-071	1-1/2 X 1/2
CM-391-2684-148	1-1/2 X 1/2
CM-25040	1-1/2 X 5/8
CM-375-9003-246	1-1/2 X 5/8
CM-25009	1-3/4 X 3/8
CM-25010	1-3/4 X 1/2
CM-391-2684-149	1-3/4 X 1/2
CM-25009	1-3/4 X 3/8
CM-25149	2 X 1/4
CM-25001	2 X 3/8
CM-25011	2 X 1/2
CM-375-9023-092	2 X 1/2

WEAR RINGS

Part Number	O.D. X Width	List
CM-391-2684-150	2 X 1/2	
CM-25558	2 X 3/4	
CM-25002	2-1/4 X 3/8	
CM-25012	2-1/4 X 1/2	
CM-375-9003-238	2-1/4 X 1/2	
CM-391-2684-151	2-1/4 X 1/2	
CM-25147	2-1/4 X 5/8	
CM-25050	2-1/4 X 3/4	
CM-375-9003-202	2-1/4 X 3/4	
CM-391-2684-101	2-1/4 X 3/4	
CM-25013	2-3/8 X 1/2	
CM-25003	2-1/2 X 3/8	
CM-25014	2-1/2 X 1/2	
CM-375-9023-072	2-1/2 X 1/2	
CM-391-2684-152	2-1/2 X 1/2	
CM-2505025	2-1/2 X 3/4	
CM-25072	2-3/4 X 1	
CM-375-9023-142	2-3/4 X 1	
CM-25015	2-3/4 X 1/2	
CM-375-9023-052	2-3/4 X 1/2	
CM-375-9023-070	2-3/4 X 1/2	
CM-375-9003-027	2-3/4 X 2	
CM-25004	2-3/4 X 3/8	
CM-250655	2-7/8 X 1	
CM-25116	3 X 1	
CM-25144	3 X 1/4	
CM-25016	3 X 1/2	
CM-250505	3 X 3/4	
CM-25115	3 X 3/4	
CM-391-2684-097	3 X 3/4	
CM-25006	3-1/4 X 3/8	
CM-25017	3-1/4 X 1/2	
CM-375-9023-031	3-1/4 X 1/2	
CM-391-2684-124	3-1/4 X 1/2	
CM-391-2684-133	3-1/4 X 1/2	
CM-25051	3-1/4 X 3/4	
CM-391-2684-077	3-1/4 X 3/4	
CM-25834	3-1/4 X 1	
CM-375-9003-071	3-1/4 X 1	
CM-375-9003-059	3-1/4 X 1	
CM-375-9023-128	3-1/4 X 2-1/8	
CM-25119	3-1/2 X 3/8	
CM-25018	3-1/2 X 1/2	
CM-375-9023-036	3-1/2 X 1/2	
CM-375-9023-089	3-1/2 X 1/2	
CM-25035	3-1/2 X 5/8	

REPLACEMENT PARTS FOR COMMERCIAL EQUIPMENT

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WEAR RINGS

Part Number	O.D. X Width	
CM-25052	3-1/2 X 3/4	
CM-375-9023-116	3-1/2 X 3/4	
CM-391-2681-635	3-1/2 X 3/4	
CM-391-2684-092	3-1/2 X 3/4	
CM-25071	3-1/2 X 1	
CM-25145	3-3/4 X 3/8	
CM-25019	3-3/4 X 1/2	
CM-375-9023-147	3-3/4 X 1/2	
CM-391-2684-163	3-3/4 X 3/4	
CM-375-9023-135	3-3/4 X 1.240	
CM-25007	4 X 3/8	
CM-25020	4 X 1/2	
CM-391-2684-004	4 X 1/2	
CM-391-2684-153	4 X 1/2	
CM-25036	4 X 5/8	
CM-25053	4 X 3/4	
CM-391-2684-080	4 X 3/4	
CM-25065	4 X 1	
CM-375-9023-088	4 X 1	
CM-375-9023-149	4 X 1	
CM-25021	4-1/4 X 1/2	
CM-375-9003-257	4-1/4 X 1/2	
CM-375-9023-021	4-1/4 X 1/2	
CM-25037	4-1/4 X 5/8	
CM-25135	4-1/4 X 3/4	
CM-391-2684-118	4-1/4 X 3/4	
CM-375-9023-027	4-1/4 X 7/8	
CM-375-3023-031	4-1/4 X 1	
CM-375-9003-036	4-1/4 X 1-1/4	
CM-25066	4-1/2 X 1	
CM-25022	4-1/2 X 1/2	
CM-375-9023-032	4-1/2 X 1/2	
CM-25038	4-1/2 X 5/8	
CM-25054	4-1/2 X 3/4	
CM-25121	4-3/4 X 1/2	
CM-375-9023-033	4-3/4 X 1/2	
CM-25123	4-3/4 X 1	
CM-375-9003-216	4-3/4 X 1-1/4	
CM-25847	4-3/4 X 2	
CM-25023	5 X 1/2	
CM-375-9023-034	5 X 1/2	
CM-391-2684-142	5 X 1/2	
CM-25055	5 X 3/4	

WEAR RINGS

Part Number	O.D. X Width	
CM-391-2684-121	5 X 3/4	
CM-25039	5 X 0.622	
CM-25067	5 X 1	
CM-25118	5-1/4 X 1/2	
CM-391-2684-125	5-1/4 X 1/2	
CM-25143	5-1/4 X 5/8	
CM-391-2684-082	5-1/4 X 3/4	
CM-375-9023-141	5-1/4 X 1-1/4	
CM-375-9023-134	5-1/4 X 2	
CM-25554	5-1/2 X 1	
CM-25024	5-1/2 X 1/2	
CM-391-2684-145	5-1/2 X 1/2	
CM-25056	5-1/2 X 3/4	
CM-375-9023-090	5-1/2 X 3/4	
CM-391-2684-155	5-1/2 X 3/4	
CM-25025	5-3/4 X 1/2	
CM-25041	5-3/4 X 5/8	
CM-375-9003-252	5-3/4 X 1-1/2	
CM-375-9023-140	5-3/4 X 1-1/2	

WIPERS

Part Number	Rod Dia.	
CM-14075	3/4	
CM-391-3881-116	3/4	
CM-12100	1	
CM-391-3881-105	1	
CM-12112	1-1/8	
CM-12125	1-1/4	
CM-391-3881-101	1-1/4	
CM-375-3026-017	1-3/8	
CM-12150	1-1/2	
CM-14151	1-1/2	
CM-391-3881-102	1-1/2	
CM-391-3881-106	1-1/2	
CM-12175	1-3/4	
CM-13019	1-3/4	
CM-375-9026-081	1-3/4	
CM-391-3881-095	1-3/4	
CM-391-3881-104	1-3/4	
CM-12200	2	

WIPERS

Part Number	Rod Dia.	
CM-375-9026-083	2	
CM-375-9026-112	2	
CM-391-3881-071	2	
CM-12225	2-1/4	
CM-391-3881-053	2-1/4	
CM-391-3881-107	2-3/8	
CM-12250	2-1/2	
CM-375-9026-082	2-1/2	
CM-391-3881-055	2-1/2	
CM-391-3881-103	2-1/2	
CM-12262	2-5/8	
CM-12275	2-3/4	
CM-375-9026-047	2-3/4	
CM-391-3881-108	2-3/4	
CM-12300	3	
CM-375-9026-121	3	
CM-375-9026-132	3	
CM-391-3881-054	3-1/4	
CM-12350	3-1/2	
CM-391-3881-096	3-1/2	
CM-391-3881-112	3-7/8	
CM-12400	4	
CM-375-9026-017	4	
CM-375-9026-044	4	
CM-375-9026-131	4	
CM-391-3881-099	4	
CM-391-3881-110	4-1/8	
CM-375-9026-079	4-1/4	
CM-391-3881-056	4-1/4	
CM-12450	4-1/2	
CM-12453-520	4-1/2	
CM-375-9026-098	4-1/2	
CM-375-9026-106	4-1/2	
CM-375-9026-066	4-3/4	
CM-375-9026-128	4-3/4	
CM-12500	5	
CM-375-9026-130	5	
CM-391-3881-114	5	
CM-375-9026-006	5-1/2	
CM-391-3881-115	6	
CM-391-3881-111	6-1/4	
CM-391-3881-109	6-1/2	
CM-391-3881-121	6-1/2	
CM-375-9026-120	7	
CM-375-9026-097	8-1/4	