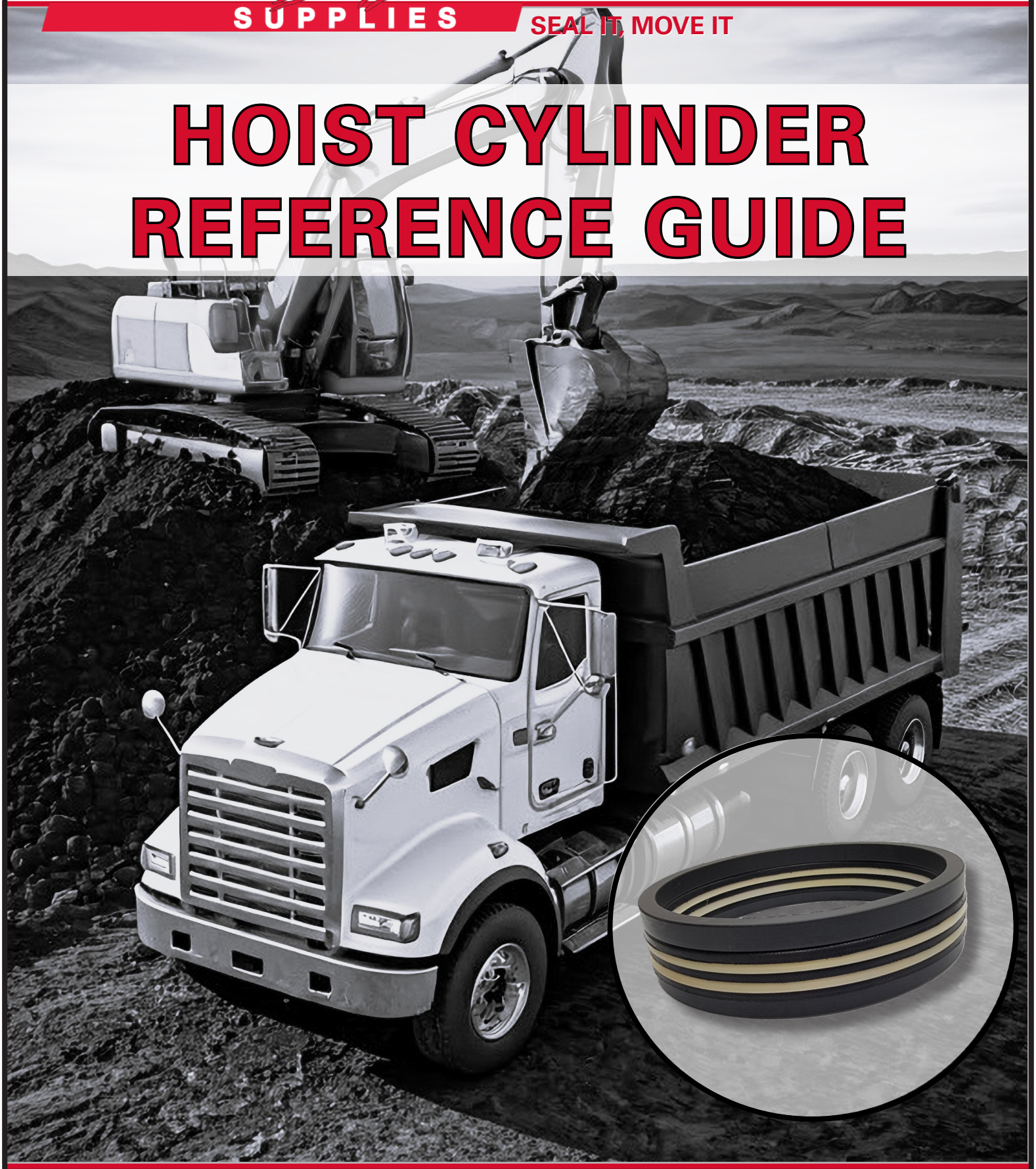
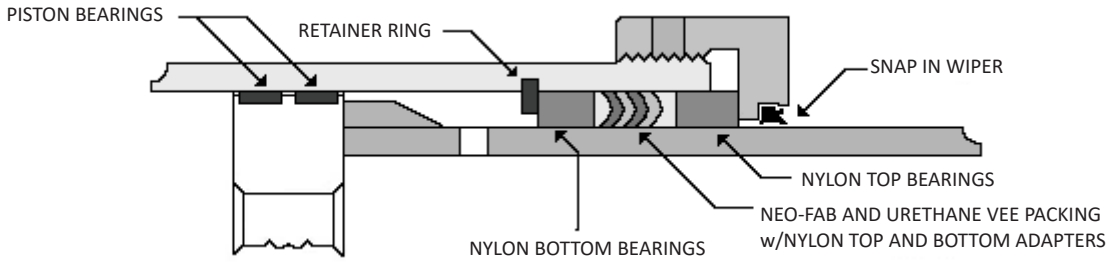
GRIZZLY SUPPLIES

SEAL IT, MOVE IT

HOIST CYLINDER REFERENCE GUIDE



COMMERCIAL HOIST CYLINDER KITS & SINGLE PARTS



PACKING: Vee packing with nylon top and bottom adapters. (5/16" cross section)
WIPERS: .190 shoulder height/thickness on wipers.
BEARINGS: One above packing.
STAGE O.D.'s: 2.750", 3.750", 4.750", 5.750", 6.750", 7.905", 9.375"
IDENTIFICATION: Cylinder number stamped on metal tag on cylinder body.
EXAMPLE: S74 = Single Acting, 7 is the largest Stage / Barrel Ø (6-3/4" x 7-3/8"), 4 = 4 stages (3-3/4" - 6-3/4")
SD85 = Double Acting, 8 is the largest Stage / Barrel Ø (7.905" x 8.543"), 5 = 5 stages (3-3/4" - 7.905")

WIPER & PACKING KITS	
Part Number	**Cylinder Stage Sizes**
CM-36	2-3/4" - 5-3/4"
CM-37	2-3/4" - 6-3/4"
CM-46	3-3/4" - 5-3/4"
CM-47	3-3/4" - 6-3/4"
CM-48	3-3/4" - 7.905"
CM-57	4-3/4" - 6-3/4"

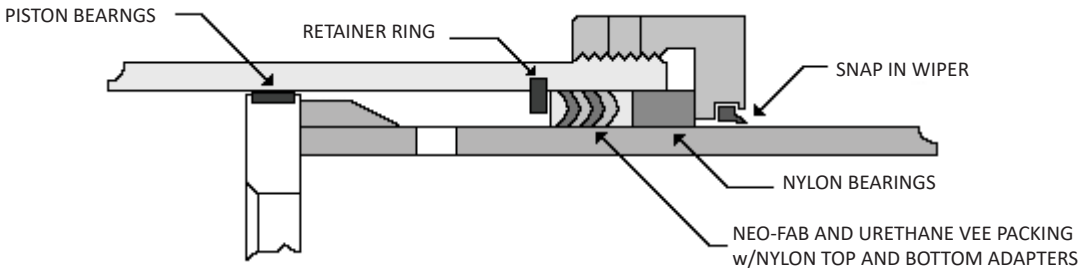
GLAND BEARING KITS (1" Wide)	
Part Number	**Description**
CM-36NB	2-3/4" - 5-3/4"
CM-37NB	2-3/4" - 6-3/4"
CM-46NB	3-3/4" - 5-3/4"
CM-47NB	3-3/4" - 6-3/4"
CM-48NB	3-3/4" - 7.905"
CM-57NB	4-3/4" - 6-3/4"

PISTON WEAR RING KITS	
Part Number	**Description**
CM-36WR	3-1/4" - 6-1/4"
CM-37WR	3-1/4" - 7-1/4"
CM-46WR	4-1/4" - 6-1/4"
CM-47WR	4-1/4" - 7-1/4"
CM-48WR	3-1/4" - 8-1/2"
CM-57WR	5-1/4" - 7-1/4"

WIPER & PACKING SETS	
Part Number	**Description**
CM-D4009W	2-3/4" Vee Set & Wiper
CM-D3009W	3-3/4" Vee Set & Wiper
CM-D6009W	4-3/4" Vee Set & Wiper
CM-D5009W	5-3/4" Vee Set & Wiper
CM-D7009W	6-3/4" Vee Set & Wiper
CM-D8009W	7.905" Vee Set & Wiper
CM-D9009W	9-3/8" Vee Set & Wiper

NYLON TOP BEARINGS (1" Wide)	
Part Number	**Description**
CM-2.75NB	2-3/4" Gland Bearing
CM-3.75NB	3-3/4" Gland Bearing
CM-4.75NB	4-3/4" Gland Bearing
CM-5.75NB	5-3/4" Gland Bearing
CM-6.75NB	6-3/4" Gland Bearing
CM-7.905NB	7.905" Gland Bearing
CM-9.375NB	9-3/8" Gland Bearing

CUSTOM HOIST (400 SERIES)
CYLINDER KITS & SINGLE PARTS



WIPERS: Dual-lip snap in wiper to minimize contamination entry.
PACKING: Vee packing with nylon top and bottom adapters. (1/4" cross section)
STAGE O.D.'S: 3.00", 4.00", 5.00", 6.00", 7.00", 8.00", 9.750"

WIPER & PACKING KITS	
Part Number	**Cyl. Stage Sizes**
CH-36	3" - 6" Wiper & Packing Kit
CH-46	4" - 6" Wiper & Packing Kit
CH-47	4" - 7" Wiper & Packing Kit
CH-48	4" - 8" Wiper & Packing Kit
CM-57	5" - 7" Wiper & Packing Kit

WIPERS	
Part Number	**Description**
CH-1WR1-3	3" Wiper
CH-1WR1-4	4" Wiper
CH-1WR1-5	5" Wiper
CH-1WR1-6	6" Wiper
CH-1WR1-7	7" Wiper
CH-1WR1-8	8" Wiper

PISTON "T" WEAR RING KITS	
Part Number	**Description**
CH-36WR	3-1/2" - 6-1/2"
CH-46WR	4-1/2" - 6-1/2"
CH-47WR	4-1/2" - 7-1/2"
CH-48WR	3-1/2" - 8-1/2"
CH-57WR	6-1/2" - 8-1/2"

WIPER & PACKING SET	
Part Number	**Description**
HY-3.000-VSW	3" Vee Set
HY-4.000-VSW	4" Vee Set
HY-5.000-VSW	5" Vee Set
HY-6.000-VSW	6" Vee Set
HY-7.000-VSW	7" Vee Set
HY-8.000-VSW	8" Vee Set
CH-9.12VSW	9.125" Vee Set

NYLON TOP BEARINGS (3/4" Wide)	
Part Number	**Description**
HY-A2475N	3" Top Bearing
HY-A2227N	4" Top Bearing
HY-A2226N	5" Top Bearing
HY-A2225N	6" Top Bearing
HY-A2411N	7" Top Bearing
HY-A2447N	8" Top Bearing
CH-1BU11-91	9.125" Top Bearing

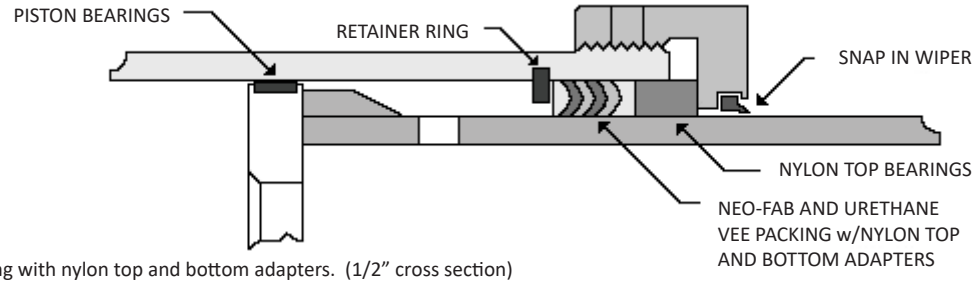
GLAND BEARINGS KITS (3/4" Wide, 2 per stage)	
Part Number	**Description**
CH-36NB	3" - 6" Bearing Kit
CH-46NB	4" - 6" Bearing Kit
CH-47NB	4" - 7" Bearing Kit
CH-48NB	4" - 8" Bearing Kit
CM-57NB	5" - 7" Bearing Kit

SPIRAL RETAINING RINGS	
Part Number	**Description**
CH-1RR1-35	3.50" Spiral Retainer
CH-1RR1-45	4.50" Spiral Retainer
CH-1RR1-55	5.50" Spiral Retainer
CH-1RR1-65	6.50" Spiral Retainer
CH-1RR1-75	7.50" Spiral Retainer
CH-1RR1-85	8.50" Spiral Retainer
CH-1RR1-97	9.75" Spiral Retainer

CAST IRON PISTON RINGS	
Part Number	**Description**
CH-2PR3-45	4-1/2" Cast Iron Ring
CH-2PR3-55	5-1/2" Cast Iron Ring
CH-2PR3-65	6-1/2" Cast Iron Ring

GRIZZLY SUPPLIES

CUSTOM HOIST (700 SERIES)



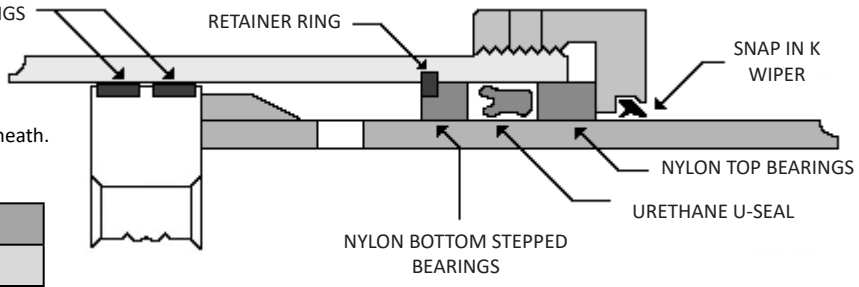
PACKING: Vee packing with nylon top and bottom adapters. (1/2" cross section)
WIPERS: Dual-lip snap in wiper to minimize contamination entry.
BEARING: Top mineral filled nylon bearing.
STAGE O.D.'S: 3.187", 4.125", 5.062", 6.00", 7.00"

WIPER & PACKING SET	
Part Number	**Description**
CH-3.187-VSW	3-3/16" Vee Set
CH-4.125-VSW	4-1/8" Vee Set
CH-5.062-VSW	5-1/16" Vee Set
HY-6.000-VSW	6" Vee Set
HY-7.000-VSW	7" Vee Set

NYLON TOP BEARINGS (3/4" Height)	
Part Number	**Description**
CH-1BU11-3-3/16	3-3/16" Top Bearing
CH-1BU11-4-1/8	4-1/8" Top Bearing
CH-1BU11-5-1/16	5-1/16" Top Bearing
HY-A2225N	6" Top Bearing
HY-A2411N	7" Top Bearing

GLAND PACKING KITS	
Part Number	**Cylinder Stage Sizes**
CH-SK-53-700	3.187" - 5.062" Seal Kit
CH-SK-63-700	4.125" - 6" Seal Kit
CH-SK-64-700	3.187" - 6" Seal Kit
CH-SK-74-700	4.125 - 7" Seal Kit

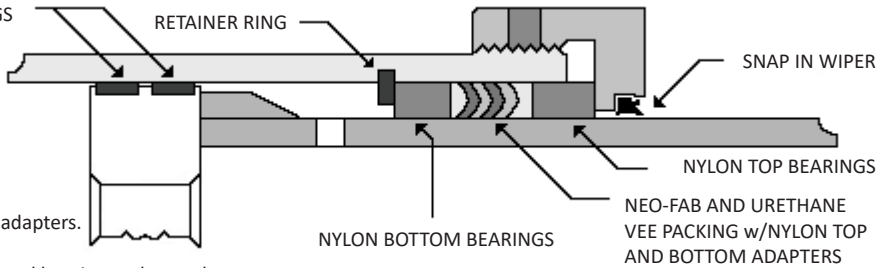
HYCO (30,000 SERIES) CYLINDER KITS & SINGLE PARTS



PACKING: U-Cup Rod Seal. (1/4" cross-seciton & .781" tall)
WIPERS: Urethane snap in wipers.
BEARINGS: Straight bearing above packing and stepped bearing underneath.
STAGE OD's: 3.00", 4.00", 5.00", 6.00", 7.00", 8.00", 8.125", 9.375"

SEAL KITS	
Part Number	**Cylinder Stage Sizes**
HY-12211	3" - 5" Seal Kit
HY-3 STAGE-SL	3" - 5" Seal Kit (Single Acting)
HY-4 STAGE-SL	3" - 6" Seal Kit (Single Acting)
HY-5 STAGE-SL	4" - 8-1/8" Seal Kit (Single Acting)

HYCO (30,000 SERIES) CYLINDER KITS & SINGLE PARTS



PACKING: Vee packing with nylon top and bottom adapters.
WIPERS: Urethane snap in wipers.
BEARINGS: Straight bearing above packing and stepped bearing underneath.
STAGE O.D.'s: 3.00", 4.00", 5.00", 6.00", 7.00", 8.00", 8.125", 8.250", 9.00", 9.125", 9.375", 9.750"

GLAND PACKING KITS	
Part Number	**Cylinder Stage Sizes**
HY-36	3" - 6" Seal Kit
HY-46	4" - 6" Seal Kit
HY-47	4" - 7" Seal Kit
HY-48	4" - 8" Seal Kit

NYLON TOP BEARING KITS (1" Height)	
Part Number	**Cylinder Stage Sizes**
HY-36NB	3" - 6" Seal Kit
HY-46NB	4" - 6" Seal Kit
HY-47NB	4" - 7" Seal Kit
HY-48NB	4" - 8" Seal Kit

NYLON TOP BEARINGS (3/4" Height)	
Part Number	**Description**
HY-A2475N	3" Top Bearing
HY-A2227N	4" Top Bearing
HY-A2226N	5" Top Bearing
HY-A2225N	6" Top Bearing
HY-A2411N	7" Top Bearing
HY-A2447N	8" Top Bearing

PISTON WEAR RING KITS (1/2" Wide)	
Part Number	**Description**
HY-36WR	3-1/2" - 6-1/2"
HY-46WR	4-1/2" - 6-1/2"
HY-47WR	4-1/2" - 7-1/2"
HY-48WR	4-1/2" - 8-1/2"

WIPERS	
Part Number	**Description**
HY-04.00-W	4" Wiper
HY-05.00-W	5" Wiper
HY-06.00-W	6" Wiper
HY-07.00-W	7" Wiper
HY-08.12-W	8-1/8" Wiper
HY-690217	8-1/4" Wiper
HY-09.12-W	9-1/8" Wiper
HY-09.38-W	9-3/8" Wiper
HY-690219A	9-3/4" Wiper

BOTTOM STEP BEARING KITS (.455"/.575" Height)	
Part Number	**Cylinder Stage Sizes**
HY-36SB	3" - 6" Seal Kit
HY-46SB	4" - 6" Seal Kit
HY-47SB	4" - 7" Seal Kit
HY-48SB	4" - 8" Seal Kit

GRIZZLY SUPPLIES

HYCO (30,000 SERIES) CYLINDER KITS & SINGLE PARTS

PACKING & WIPER	
Part Number	**Description**
HY-3.000-VSW	3” Wiper & Packing Kit
HY-4.000-VSW	4” Wiper & Packing Kit
HY-5.000-VSW	5” Wiper & Packing Kit
HY-6.000-VSW	6” Wiper & Packing Kit
HY-7.000-VSW	7” Wiper & Packing Kit
HY-8.000-VSW	8” Wiper & Packing Kit
HY-9.125-VSW	9” Wiper & Packing Kit

GLAND BOTTOM BEARINGS / STEPPED BEARINGS (.455”/.575” Height)	
Part Number	**Description**
HY-3.00-SB	3” Bottom Bearing
HY-4.00-SB	4” Bottom Bearing
HY-5.00-SB	5” Bottom Bearing
HY-6.00-SB	6” Bottom Bearing
HY-7.00-SB	7” Bottom Bearing
HY-8.00-SB	8” Bottom Bearing

MAILHOT CYLINDER KITS

SINGLE ACTING STAGE KITS	
Part Number	**Description**
MAILHOT-3 STAGE-SL-B	3”, 4”, 5” Seal Kit
Notes: Special Excluder Wipers, Spring loaded U-Cups replaced by Loaded or Unloaded U-cups	
MAILHOT-5 STAGE-SL	2”, 3”, 4”, 5”, 6” Seal Kit
Notes: Special Excluder Wipers, Spring loaded U-Cups replaced by Loaded or Unloaded U-cups	

SINGLE ACTING SEAL KITS FOR DISPLACEMENT CYLINDERS	
Part Number	**Description**
MAILHOT-3 STAGE-SL	4”, 5”, 6” Seal Kit
Notes: 4.00”/5.00” (3/8” ZS Seal Height), 6.00” (“ ZS Seal Height)	
MAILHOT-4 STAGE KIT	3”, 4”, 5”, 6” Seal Kit
Notes: 3.00”/4.00”/5.00” (3/8” ZS Seal HT), 6.00” (3/8 LR Seal HT)	
MAILHOT-5 STAGE C190	4”, 5, 6”, 7”, 8-1/8” Seal Kit
Notes: 4.00”/5.00” (1/2” ZS Seal Height), 6.00”/7.00”/8.125” (9/16” ZS Seal HT)	
MAILHOT-5-7 STAGE KIT	5”, 6”, 7” Seal Kit
Notes: 5.00” (1/2” ZS Seal Height), 6.00”/7.00” (9/16” ZS Seal HT)	
MAILHOT-5-9.375 STAGE	5”, 6”, 7”, 8-1/8, 9-3/8 Seal Kit
Notes: 5.00”/6.00” (1/2” ZS Seal Height), 7.00”/8.125” (9/16” ZS Seal HT), 9.375” (3/8” C/S X 5/8” HT)	

MAILHOT CYLINDER KITS

DOUBLE ACTING STAGE KITS	
Part Number	**Description**
MAILHOT-3 STAGE KIT-DL	3”, 4”, 5” Seal Kit
Notes: 3.00” (3/8” ZS Seal Height), 4.00”/5.00” (1/2” ZS Seal Height)	
MAILHOT-3 STAGE KIT-DL-B	3”, 4”, 5” Seal Kit
Notes: for Cylinder with Cast Iron Scrapers (not included), Special Buffer Seals	
MAILHOT-4147S0753D	5”, 6”, 7” Seal Kit
Notes: 5.00” (3/8” ZS Seal Height), 6.00”/7.00” (9/16” ZS Seal HT)	
MAILHOT-MK9000591	5”, 6”, 7” Seal Kit
Notes: 5.00” (3/8” ZS Seal Height), 6.00”/7.00” (9/16” ZS Seal HT)	

GLAND KITS w/ 959 (AN) WIPERS, Z SEAL, O-RING & BACK UP	
Part Number	**Description**
MAILHOT-MH-3ROD	3.00” ROD KIT (3/8” ZS Seal Height)
MAILHOT-MH-4ROD	4.00” ROD KIT (1/2” ZS Seal Height)
MAILHOT-MH-5ROD	5.00” ROD KIT (1/2” ZS Seal Height)
MAILHOT-MH-6ROD	6.00” ROD KIT (9/16” ZS Seal Height)
MAILHOT-MH-7ROD	7.00” ROD KIT (9/16” ZS Seal Height)
MAILHOT-MH-8ROD	8.00” ROD KIT (9/16” ZS Seal Height)
****Ask to change 959 (AN) Wipers to D Style if needed****	

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