

# Series HSCS

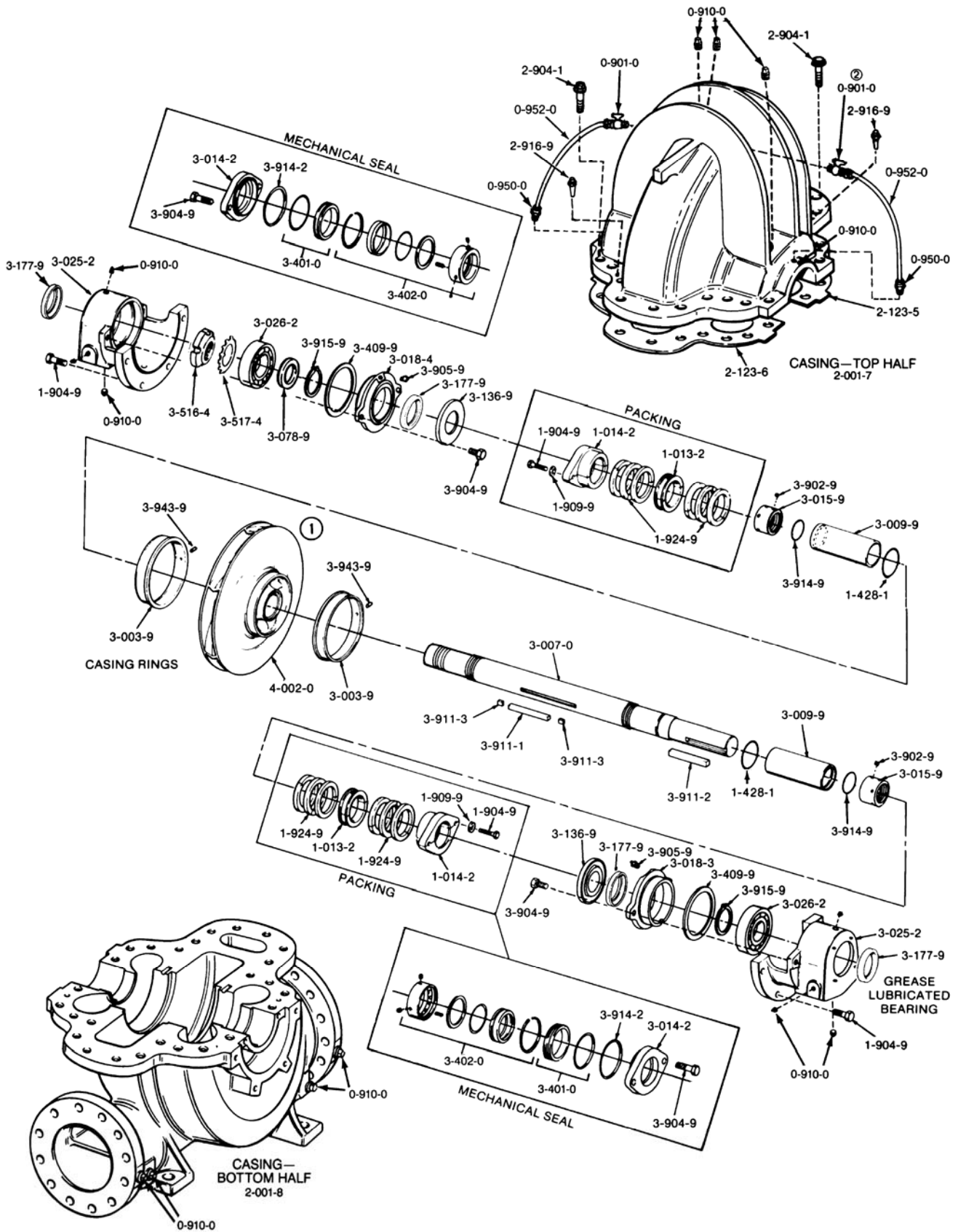
## Horizontal Split Case Pumps

Replacement Parts



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Impeller Assembly 0-002-0 Includes Impeller and Impeller Wearing Rings.

0-901-0 Valves Are Optional for Packed Pumps and Not Furnished on Mechanical Seal Pumps.

ITEM NO.	PART DESCRIPTION	QTY.	MATERIAL	6x10x22	8x12x22M	8x12x22L	8x12x27	10x14x20S
2-001-0	Casing Assembly	1	Cast Iron	08-112-782-501	08-112-783-501	→	N/A	08-111-626-501
2-001-0	Casing Assembly	1	Ductile Iron	08-112-782-520	08-112-783-520	→	52-122-206-520	08-111-626-520
4-002-0	Impeller w/o Rings	1	Silicon Brass	08-217-811-002	52-231-707-002	08-217-812-103	52-229-973-002	08-217-813-002
4-002-0	Impeller w/ Rings	1	Silicon Brass	52-229-465-502	52-231-709-502	52-229-488-558	52-241-271-502	52-229-512-502
3-003-9	Casing Wear Ring	2	Bronze	08-111-670-001	08-111-671-001	→	52-122-020-004	08-111-672-001
0-004-0	Impeller Wear Ring	2	Bronze	52-120-525-001	52-120-557-009	→	52-122-022-001	52-120-560-001
2-123-6	Gasket, Discharge (CI Casing)	1	Vellumoid	08-217-564-005	08-217-566-005	→	N/A	08-217-568-005
2-123-6	Gasket, Discharge (DI Casing)	1	Vellumoid	08-217-564-005	52-327-410-005	→	52-232-533-005	52-237-035-005
2-123-5	Gasket, Suction (CI Casing)	1	Vellumoid	08-217-563-005	08-217-565-005	→	N/A	08-217-567-005
2-123-5	Gasket, Suction (DI Casing)	1	Vellumoid	08-217-563-005	52-327-409-005	→	52-232-532-005	52-237-034-005
3-007-0	Shaft	1	Steel	52-329-573-001	→	→	52-329-572-004**	52-329-573-001
3-007-0	Shaft	1	316 Stn. Stl.	52-329-573-002	→	→	52-329-572-004**	52-329-573-002
3-009-9	Shaft Sleeve (1)	2	Bronze	52-239-611-001	→	→	52-239-612-001	→
3-009-9	Shaft Sleeve (2)	2	Bronze	52-239-614-001	→	→	52-239-615-001	→
1-428-1	Gasket, Sleeve	2	Synthetic (Non-Asbestos)	70782-202B-5180	→	→	→	→
3-015-9	Nut, Shaft Sleeve (1)	2	Bronze	52-128-684-001	→	→	→	→
3-015-9	Nut, Shaft Sleeve (2)	2	Bronze	52-128-684-001	→	→	→	→
3-902-9	Set Screw, Sleeve Nut	2	316 Stn. Stl.	49514-204	→	→	→	→
3-911-1	Impeller Key	1	316 Stn. Stl.	49568-328	→	→	→	→
3-911-2	Key, Coupling	1	Steel	49568-459	→	→	→	→
3-911-3	Key, Sleeve	2	316 Stn. Stl.	52-119-854-005	→	→	→	→
3-914-9	O-Ring, Shaft Sleeve	2	Buna-N	C02495A152-5302	→	→	→	→
3-943-9	Anti-Rotation Pin	2	302 Stn. Stl.	CP-671-181-371	→	→	→	→
0-910-0	Pipe Plug, 1/4"	15	Steel	AC0532	→	→	→	→
0-910-0	Pipe Plug, 1/2"	2	Steel	H47900	→	→	→	→
0-910-0	Pipe Plug, 1"	5	Steel	AC1648	→	→	→	→
1-904-9	Screw, Housing/Casing	8	Steel	49511-304	→	→	→	→
3-018-3	End Cover, Inboard Coupling	1	Cast Iron	52-229-647-001	→	→	→	→
3-018-4	End Cover, Inboard Thrust	1	Cast Iron	52-229-646-001	→	→	→	→
3-025-2	Bearing Housing	2	Cast Iron	52-429-114-001	→	→	→	→
3-026-2	Ball Bearing, Radial	1	Steel	8050-31660	→	→	→	→
3-026-2	Ball Bearing, Thrust	1	Steel	52-119-728-001	→	→	→	→
3-078-9	Washer, Ball Bearing	1	Cast Iron	52-126-224-001	→	→	→	→
3-136-9	Deflector	2	Rubber/Steel	52-108-475-005	→	→	→	→
3-177-4	End Cap, Bearing Housing	1	Steel	52-260-478-003	→	→	→	→
3-177-9	Lip Seal, Outboard	2	Rubber/Steel	CP-753-383-034	→	→	→	→
3-177-9	Lip Seal, Inboard	2	Rubber/Steel	CP-753-383-034	→	→	→	→
3-409-9	Gasket, End Cover	2	Vellumoid	52-116-178-029	→	→	→	→
3-516-4	Locknut, Bearing	1	Steel	8601-3016	→	→	→	→
3-517-4	Lockwasher, Bearing	1	Steel	8910-0016	→	→	→	→
3-904-9	Screw, Housing/End Cover	4	Steel	49511-304	→	→	→	→
3-905-9	Grease Fitting, Straight Drive	2	Steel	9008-01610	→	→	→	→
3-915-9	Retaining Ring, Thrust	1	Steel	A06941A-315	→	→	→	→
-	O-Ring, End Cap	1	Buna-N	C02495A-239	→	→	→	→
<b>MECHANICAL SEAL</b>								
0-952-0	Flush Piping	1	Copper	52-127-293-504	→	→	→	→
1-909-9	Washer, Gland Screw	4/8*	316 Stn. Stl.	49519-60	→	→	→	→
3-014-2	Gland (CI Casing)	2	Cast Iron	52-235-277-003	→	→	→	→
3-014-2	Gland (DI Casing)	2	Cast Iron	52-327-658-004	→	→	→	→
3-400-0	Mechanical Seal, Std.	2	Viton/Carbon/Cer	52-240-979-001	→	→	→	→
3-400-0	Mechanical Seal, Balanced	2	Viton/Carbon/Cer	52-261-343-801	→	→	→	→
3-904-9	Screw, Gland	4/8*	316 Stn. Stl.	49511-306	→	→	→	→
3-914-2	O-ring, gland	2	Buna-N	C02495A-430	→	→	→	→
<b>PACKING</b>								
0-952-0	Flush Piping	1	Copper	52-127-293-502	→	→	→	→
1-013-2	Lantern Ring	2	Teflon	52-430-298-025	→	→	→	→
1-014-2	Gland (CI Casing)	2	Cast Iron	52-260-520-001	→	→	52-260-520-001+	→
1-014-2	Gland (DI Casing)	2	Cast Iron	52-235-608-002	→	→	52-235-608-001+	→
1-904-9	Screw, Gland	4/8*	316 Stn. Stl.	49511-309	→	→	→	→
1-909-9	Washer, Gland Screw	4/8*	Steel	49519-60	→	→	→	→
1-924-9	Packing Ring	10/12	Graphite Acrylic Yarn	AC6131	→	→	→	→

## Factory Recommended Spare Parts

\* Qty. 8 required for Ductile Iron Casing

\*\* 17 - 4 PH Condition H1150 is the standard shaft material for 8x12x27.

17 - 4 PH Condition H1150 is standard shaft material for sizes 12x16x23 and 14x16x17 when speeds are greater than 1200 RPM.

17 - 4 PH Condition H1150 is stainless steel shaft material option for sizes 10x14x20L, 12x16x23 and 14x16x17.

(1) Use with standard mechanical seal.

(2) Use with balanced seal

+ Bronze Material

ITEM NO.	PART DESCRIPTION	QTY.	MATERIAL	10x14x20L	12x16x23	14x16x17	14x18x23	14x18x28
2-001-0	Casing Assembly	1	Cast Iron	52-127-860-501	08-111-627-501	08-111-628-501	08-111-629-501	08-112-784-501
2-001-0	Casing Assembly	1	Ductile Iron	52-127-860-520	08-111-627-520	08-111-628-520	08-111-629-520	08-112-784-522
4-002-0	Impeller w/o Rings	1	Silicon Brass	52-161-304-001	08-217-814-002	08-217-815-002	52-222-594-002	08-217-817-002
4-002-0	Impeller w/ Rings	1	Silicon Brass	52-261-376-501	52-229-524-502	52-229-536-502	52-229-548-502	52-229-560-502
3-003-9	Casing Wear Ring	2	Bronze	52-127-508-001	08-111-673-001	08-111-673-001	08-111-674-001	08-111-674-001
0-004-0	Impeller Wear Ring	2	Bronze	52-127-847-001	52-120-561-001	52-120-562-001	52-120-563-001	52-120-564-001
2-123-6	Gasket, Discharge (CI Casing)	1	Vellumoid	08-217-568-005	08-217-570-005	08-217-572-005	08-217-574-005	08-217-576-005
2-123-6	Gasket, Discharge (DI Casing)	1	Vellumoid	52-237-035-005	52-430-162-005	52-327-405-005	52-235-101-005	52-327-896-005
2-123-5	Gasket, Suction (CI Casing)	1	Vellumoid	08-217-567-005	08-217-569-005	08-217-571-005	08-217-573-005	08-217-575-005
2-123-5	Gasket, Suction (DI Casing)	1	Vellumoid	52-237-034-005	52-430-161-005	52-327-404-005	52-235-100-005	52-327-895-005
3-007-0	Shaft	1	Steel	52-329-573-009	52-329-573-001**	→	52-329-574-001	→
3-007-0	Shaft	1	316 Stn. Stl.	52-329-573-004**	→	→	52-329-574-002	→
3-009-9	Shaft Sleeve (1)	2	Bronze	52-239-612-001	→	→	52-239-613-001	→
3-009-9	Shaft Sleeve (2)	2	Bronze	52-239-615-001	→	→	52-239-616-001	→
1-428-1	Gasket, Sleeve	2	Synthetic (Non-Asbestos)	70782-202B-5180	→	→	70782-203B-5180	→
3-015-9	Nut, Shaft Sleeve (1)	2	Bronze	52-128-684-001	→	→	52-128-682-001	→
3-015-9	Nut, Shaft Sleeve (2)	2	Bronze	52-128-684-001	→	→	52-128-717-001	→
3-902-9	Set Screw, Sleeve Nut	2	316 Stn. Stl.	49514-204	→	→	→	→
3-911-1	Impeller Key	1	316 Stn. Stl.	49568-328	→	→	52-119-854-015	→
3-911-2	Key, Coupling	1	Steel	49568-459	→	→	→	→
3-911-3	Key, Sleeve	2	316 Stn. Stl.	52-119-854-005	→	→	→	→
3-914-9	O-Ring, Shaft Sleeve	2	Buna-N	C024945A152-5302	→	→	C02495A-155	→
3-943-9	Anti-Rotation Pin	2	302 Stn. Stl.	CP-671-181-371	→	→	→	→
0-910-0	Pipe Plug, 1/4"	15	Steel	AC0532	→	→	→	→
0-910-0	Pipe Plug, 1/2"	2	Steel	H47900	→	→	→	→
0-910-0	Pipe Plug, 1"	5	Steel	AC1648	→	→	→	→
1-904-9	Screw, Housing/Casing	8	Steel	49511-304	→	→	→	→
3-018-3	End Cover, Inboard Coupling	1	Cast Iron	52-229-647-001	→	→	→	→
3-018-4	End Cover, Inboard Thrust	1	Cast Iron	52-229-646-001	→	→	→	→
3-025-2	Bearing Housing	2	Cast Iron	52-429-114-001	→	→	→	→
3-026-2	Ball Bearing, Radial	1	Steel	8050-31660	→	→	→	→
3-026-2	Ball Bearing, Thrust	1	Steel	52-119-728-001	→	→	→	→
3-078-9	Washer, Ball Bearing	1	Cast Iron	52-126-224-001	→	→	→	→
3-136-9	Deflector	2	Rubber/Steel	52-108-475-005	→	→	→	→
3-177-4	End Cap, Bearing Housing	1	Steel	52-260-478-003	→	→	→	→
3-177-9	Lip Seal, Outboard	2	Rubber/Steel	CP-753-383-034	→	→	→	→
3-177-9	Lip Seal, Inboard	2	Rubber/Steel	CP-753-383-034	→	→	→	→
3-409-9	Gasket, End Cover	2	Vellumoid	52-116-178-029	→	→	→	→
3-516-4	Locknut, Bearing	1	Steel	8601-3016	→	→	→	→
3-517-4	Lockwasher, Bearing	1	Steel	8910-0016	→	→	→	→
3-904-9	Screw, Housing/End Cover	4	Steel	49511-304	→	→	→	→
3-905-9	Grease Fitting, Straight Drive	2	Steel	9008-01610	→	→	→	→
3-915-9	Retaining Ring, Thrust	1	Steel	A06941A-315	→	→	→	→
-	O-Ring, End Cap	1	Buna-N	C02495A-239	→	→	→	→
<b>MECHANICAL SEAL</b>								
0-952-0	Flush Piping	1	Copper	52-127-293-504	→	→	→	→
1-909-9	Washer, Gland Screw	4/8*	316 Stn. Stl.	49519-60	→	→	→	→
3-014-2	Gland (CI Casing)	2	Cast Iron	52-235-277-003	→	→	52-235-280-001	→
3-014-2	Gland (DI Casing)	2	Cast Iron	52-327-658-004	→	→	52-329-767-003	→
3-400-0	Mechanical Seal, Std.	2	Viton/Carbon/Cer	52-240-979-001	→	→	52-240-946-801	→
3-400-0	Mechanical Seal, Balanced	2	Viton/Carbon/Cer	52-261-343-801	→	→	52-261-285-801	→
3-904-9	Screw, Gland	4/8*	316 Stn. Stl.	49511-306	→	→	→	→
3-914-2	O-ring, gland	2	Buna-N	C02495A-430	→	→	C02495A-436	→
<b>PACKING</b>								
0-952-0	Flush Piping	1	Copper	52-127-293-502	→	→	→	→
1-013-2	Lantern Ring	2	Teflon	52-430-298-025	→	→	52-430-298-026	→
1-014-2	Gland (CI Casing)	2	Cast Iron	52-260-520-001+	→	→	08-217-583-501	→
1-014-2	Gland (DI Casing)	2	Cast Iron	52-235-608-001+	→	→	52-235-606-002	→
1-904-9	Screw, Gland	4/8*	316 Stn. Stl.	49511-309	→	→	→	→
1-909-9	Washer, Gland Screw	4/8*	Steel	49519-60	→	→	→	→
1-924-9	Packing Ring	10/1 2	Graphite Acrylic Yarn	AC6131	→	→	CF	CF

## Factory Recommended Spare Parts

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+ Bronze Material

CF Consult Factory

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- 2) a leading global water technology company.

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