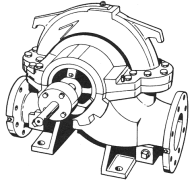


JOB: _____ REPRESENTATIVE: _____

UNIT TAG: _____ ORDER NO. _____ DATE: _____
ENGINEER: _____ SUBMITTED BY: _____ DATE: _____
CONTRACTOR: _____ APPROVED BY: _____ DATE: _____



Series HSCS[®] Model 100, Pump End Only

Double Suction with Mechanical Seals

SPECIFICATIONS

FLOW _____ HEAD _____
HP _____ RPM _____
APPROX. WEIGHT _____
SPECIALS _____

MATERIALS OF CONSTRUCTION

☒ Cast Iron Bronze Fitted

TYPE OF SEAL

Pump Size: 10x14x20S, 10x14x20L, 12x16x23, 14x16x17, 14x18x23

☐ **STANDARD: 175 PSIG (12 Bar) working pressure, 125# ANSI Flanges**

☐ **OPTIONAL: 300 PSIG (21 Bar) working pressure, 250# ANSI Flanges**

☐ **STANDARD:** Crane Type 8 - 1, Viton/Carbon-Ceramic, 75 psig (5 Bar) maximum suction pressure, from -10Â° to 220Â°F (-23 to 104 Â°C).

☐ **OPTIONAL:** Crane Type 8 - 1, Viton/Carbon-Tungsten Carbide, 75 psig (5 Bar) maximum suction pressure, from -10Â° to 220Â°F (-23 to 104 Â°C).

☐ **OPTIONAL:** Crane Type 8B - 1, Viton/Carbon-Ceramic, 200 psig (13 Bar) maximum suction pressure, from -10Â° to 220Â°F (-23 to 104 Â°C).

☐ **OTHER:** _____

TYPE OF SEAL

Pump Size: 8x12x22M, 8x12x22L

☐ **STANDARD: 300 PSIG (21 Bar) working pressure, 125 / 250# ANSI Flanges**

☐ **OPTIONAL: 400 PSIG (27 Bar) working pressure, 250# ANSI Flanges**

☐ **STANDARD:** Crane Type 8 - 1, Viton/Carbon-Ceramic, 75 psig (5 Bar) maximum suction pressure, from -10Â° to 220Â°F (-23 to 104 Â°C).

☐ **OPTIONAL:** Crane Type 8 - 1, Viton/Carbon-Tungsten Carbide, 75 psig (5 Bar) maximum suction pressure, from -10Â° to 220Â°F (-23 to 104 Â°C).

☐ **OPTIONAL:** Crane Type 8B - 1, Viton/Carbon-Ceramic, 200 psig (13 Bar) maximum suction pressure, from -10Â° to 220Â°F (-23 to 104 Â°C).

☐ **OTHER:** _____



PUMP SIZE	DISCH	SUCT	A	B ₁	B ₂	E	R ₁	R ₂	CP	D	N	S & Z	VH	VH ₁	W	X	YY
** 8X12X22	8.00 (203)	12.00 (305)	24.00 (610)	18.00 (457)	12.00 (305)	11.00 (280)	8.00 (203)	5.00 (127)	50.00 (1270)	19.00 (483)	6.75 (171)	12.00 (305)	15.25 (387)	19.88 (505)	28.25 (718)	21.00 (533)	21.00 (533)
10X14X20	10.00 (254)	14.00 (356)	24.00 (610)	24.00 (610)	16.00 (406)	11.00 (280)	11.00 (280)	7.00 (178)	54.25 (1378)	21.00 (533)	6.66 (169)	13.00 (330)	14.79 (376)	21.75 (553)	30.50 (775)	19.00 (483)	21.00 (533)
12X16X23	12.00 (305)	16.00 (406)	24.00 (610)	24.00 (610)	16.00 (406)	11.00 (280)	11.00 (280)	7.00 (178)	54.25 (1378)	23.00 (584)	6.66 (169)	14.00 (356)	17.70 (450)	25.88 (657)	30.50 (775)	25.00 (635)	25.00 (635)
14X16X17	14.00 (356)	16.00 (406)	24.00 (610)	24.00 (610)	16.00 (406)	11.00 (280)	11.00 (280)	7.00 (178)	54.25 (1378)	23.50 (597)	6.66 (169)	14.00 (356)	16.25 (413)	23.00 (584)	30.50 (775)	18.00 (457)	24.00 (610)
14X18X23	14.00 (356)	18.00 (457)	28.00 (711)	26.00 (660)	18.00 (457)	13.00 (330)	12.00 (305)	8.00 (203)	56.31 (1430)	24.00 (610)	7.25 (184)	14.00 (356)	18.00 (457)	23.62 (600)	31.56 (802)	27.00 (686)	27.00 (686)

NOTE: FLANGES ARE 125 #FF OR 250 #FF PER ANSI B16.1. HOLES STRADDLE CENTERLINES.
**** STANDARD FLANGES ARE 125 #FF SUCTION AND 250 #FF DISCHARGE FOR THIS PUMP SIZE**