

Series 115SS/124SS – Stainless Steel Heavy Duty Pumps



The 115SS and 124SS are ideal for most demanding pumping applications that require stainless steel construction. These pumps are offered with all wetted parts of 316 stainless steel and with idlers on non-galling 770-alloy. This line of heavy duty pumps provide long life and utmost trouble-free operation for the chemical, petrochemical, food and other process industries, as well as in general industry. They are designed with either packing or mechanical seal construction, to minimize liquid loss and for shaft protection. With the revolvable casing to 8 positions, they provide increased versatility of installation. The series comes standard with integral 316SS relief valve.

Capacities: to 416 l/min (110 USGPM)

Differential Pressures: to 1379 kPa (200 PSI)

Temperatures: to 260°C (500°F)

Viscosities: to 440,000 cSt (2,000,000 SSU)

	Casing	Head	Bracket		Rotor		Idler		Shaft	Idler Pin	Bushings	Shaft Seal		Relief Valve
			115	124	Standard	Option	Standard	Option				Standard	Option	
SS	316SS	316SS	Iron	316SS	316SS	-	770SS	Ryton or 316SS	316SS	Ctd. SS	Carbon	Packing ⁽²⁾	Mech. Seal ⁽³⁾	316 SS

Specifications:

Model Number	Port	Nominal Pump Rating At 50 PSI/345 kPa 100 SSU/21 cSt			Motor HP required Based On Rated Speed 100 SSU/21 cSt Liquid				Maximum Hydro-Static Pressure		Max. Discharge Pressure Above 100 SSU		Maximum Recommended Temperature Standard Pump ⁽¹⁾		Approx. Shipping Weight	
					50 PSI/ 345kPa		100PSI/ 690kPa									
		INCH	GPM	LPM	RPM	HP	kW	HP	kW	PSI	kPa	PSI	kPa	°F	°C	LBS
H-115SS	1.5 NPT	10	38	1200	0.75	0.56	1.50	1.10	400	2758	100	690	300	149	43	19
HX4-115SS	1.5 NPT	20	76	1200	1.00	0.75	2.00	1.50	400	2758	100	690	300	149	45	20
K-124SS	2 ANSI	45	170	520	2.00	1.49	5.00	3.73	400	2758	150	1034	300	149	120	55
KK-124SS	2 ANSI	65	246	520	3.00	2.24	5.00	3.73	400	2758	150	1034	300	149	125	57
LQ-124SS	2.5 ANSI	90	340	420	5.00	3.73	10.0	7.46	400	2758	150	1034	300	149	185	84
LL-124SS	3 ANSI	110	416	420	5.00	3.73	10.0	7.46	400	2758	150	1034	300	149	195	89

1. For higher temperatures consult factory

2. Standard Packing is C-1065 Graphite/Teflon. C-1045 Food Grade Teflon and 1625GF High Temp Graphite packing is available as an option.

3. Standard Mechanical Seal is Buna. Viton or Teflon seals are available as options.