

Horizontal Metal Lined Light Duty Slurry Pump SL/100D



Pump Model: SL/100D (100D-L)

SL/100D is equivalent to 100D-L, a 4" discharge slurry pump designed for light duty sludge applications. Its wet-end spare parts are also made of high chrome alloy A05, a kind of highly abrasion and erosion resistant white iron, similar to ASTM A532. Alloy A05 is a wear resistant white iron that offers excellent performance under erosive conditions. The alloy can be effectively used in a wide range of slurry types. Alloy A05 is particularly suited to applications where mild corrosion resistance, as well as erosion resistance is required.

Material Construction:

Part Description	Standard	Alternative
Impeller	A05	A33, A49
Volute Liner	A05	A33, A49
Front Liner	A05	A33, A49
Back Liner	A05	A33, A49
Split Outer Casings	Grey Iron	Ductile Iron
Shaft	Carbon Steel	SS304, SS316
Shaft Sleeve	SS304	SS316, Ceramic, Tungstan Carbide
Shaft Seal	Expeller Seal	Gland Packing, Mechanical Seal
Bearings	ZWZ, HRB	SKF, Timken, NSK etc.

Applications:

Mining and Mineral Processing; SAG and AG Mill Discharge Recirculation Duties; Cyclone Feed; Mine Refuse and Tailings;

Industrial Processing; Coal and Power Plant Ash; Sand and Gravel; Mining Duty Abrasive Slurries etc.

Specifications:

Pump Model	Outlet (mm)	Allowable Max. Power (kw)	Clear Water Performance					
			Capacity Q		Head H(m)	Speed n(r/min)	Max.Eff. ?%	NPSH (m)
			m ³ /h	l/s				
SL/20A	20	7.5	2.34-10.8	0.65-3	6-37	1400-3000	30	

SL/50B	50	15	16.2-76	4.5-20	9-44	1400-2800	55	
SL/75C	75	30	18-151	5-42	4-45	900-2400	57	
SL/100D	100	60	500-252	14-70	7-46	800-180	60	2-3.6
SL/150E	150	120	1115-486	32-135	12-51.5	800-1500	65	2-6
SM/200E	200	120	666-1440	185-400	14-60	600-1100	73	4-10
SM/200F	200	260	666-1440	185-400	14-60	600-1100	73	4-10
SL/250E	250	120	396-1425	110-396	8-30	500-800	77	2-10
SL/300S	300	560	468-2538	130-705	8-60	400-950	79	2-10
SL/350S	350	560	650-2800	180-780	10-59	400-840	81	3-10
SL/400ST	400	560	720-3312	200-920	7-51	300-700	80	2-10
SL/450ST	450	560	1008-4356	280-1210	9-48	300-600	80	2-9
SL/550TU	550	1200	1980-7920	560-2200	10-50	250-475	86	4-10



Product

link :

<https://www.qualityslurrypump.com/horizontal-metal-lined-light-duty-slurry-pump-sl100d.html>