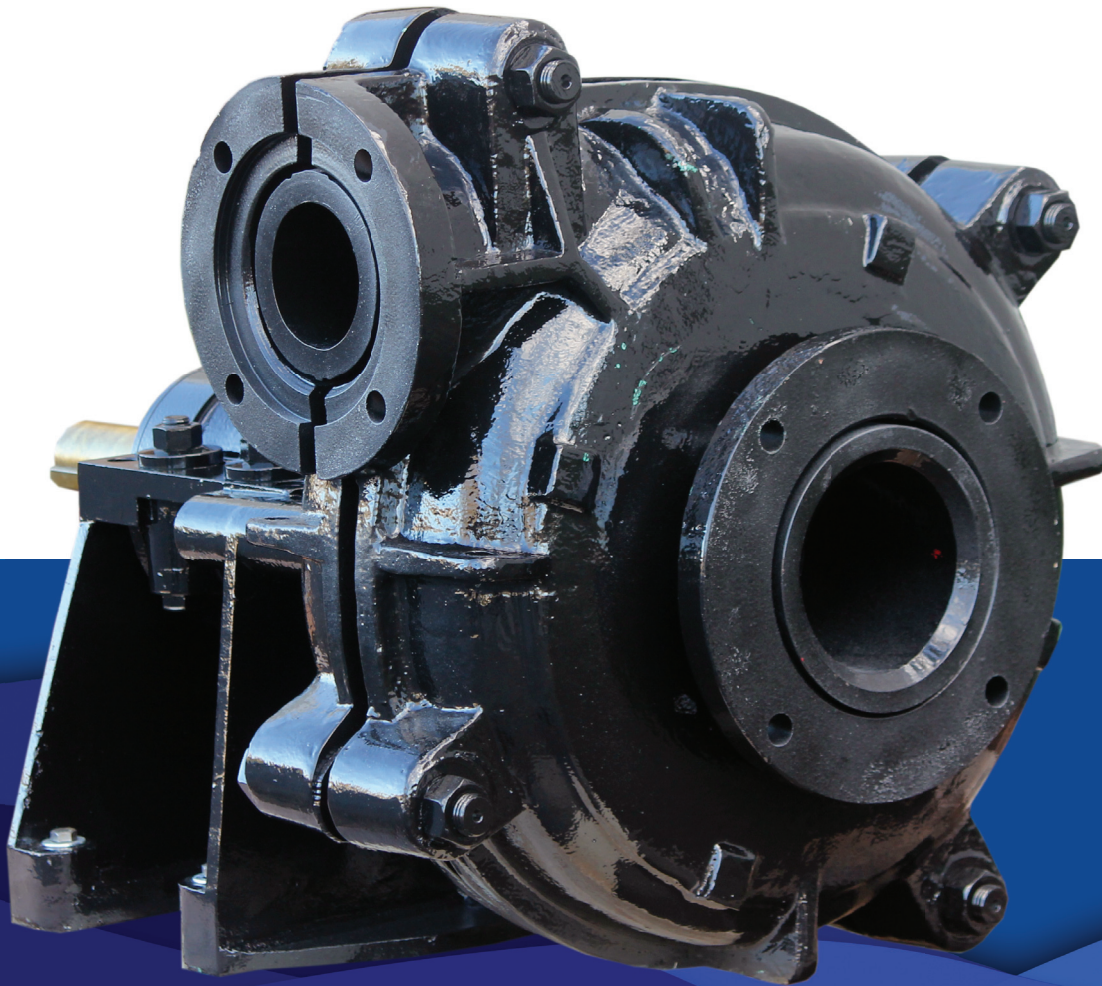




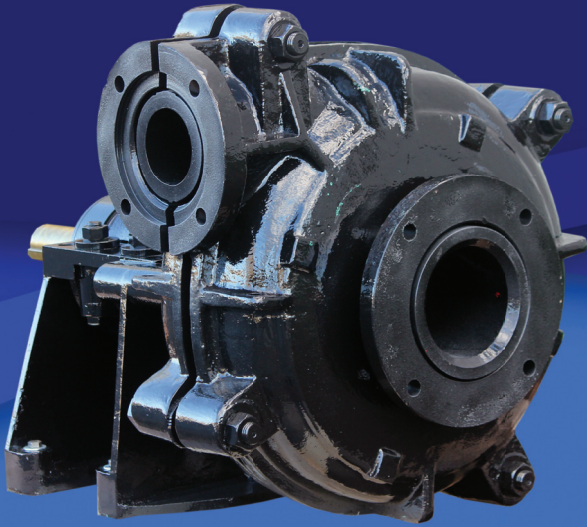
CORNELL PUMP COMPANY

SLURRY PUMPS



EFFICIENT BY DESIGN

SP SERIES SLURRY PUMPS

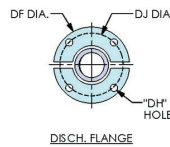
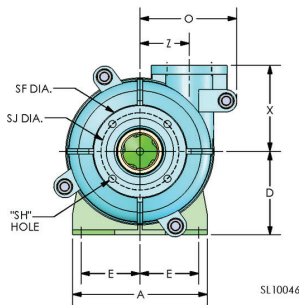
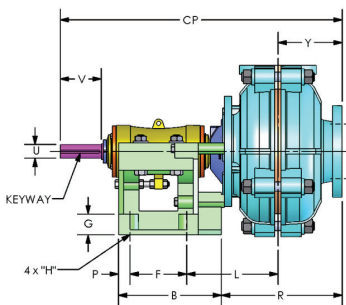


CORNELL PUMP COMPANY'S SP SERIES SLURRY PUMP BRINGS PATENTED CYCLOSEAL TECHNOLOGY TO THE MINING PROCESS INDUSTRY. ADDING TO THE DIVERSE RANGE OF MINE DEWATERING PUMPS, THE SP SERIES SLURRY PUMP OFFERS A CORNELL SOLUTION TO ABRASIVE APPLICATIONS THROUGHOUT THE MILL PROCESS.

The SP Series incorporates double-casing design, with replaceable liners and impellers available in both chrome iron and rubber. The patented Cornell Cycloseal incorporates a unique deflector vane back plate and expeller to offer a reliable, single mechanical seal design, even in the most severe operating conditions. The optional Run-Dry reservoir offers protection without the need for flush water.

SPECIFICATIONS

HOUSING MATERIAL: CAST IRON
LINER MATERIAL: CHROME IRON OR RUBBER
IMPELLER MATERIAL: CHROME IRON OR RUBBER
BACK PLATE: CHROME IRON
BEARING HOUSING & PEDESTAL: CAST IRON
DISCHARGE SIZE: 2 INCHES TO 12 INCHES
FLOW RATES: UP TO 14,000 GPM
SEAL TYPE: GLAND PACKING OR CYCLOSEAL
SOLIDS DIAMETER: UP TO 3.5 INCHES
IMPELLER TYPE: ENCLOSED
HEADS: UP TO 210 FT

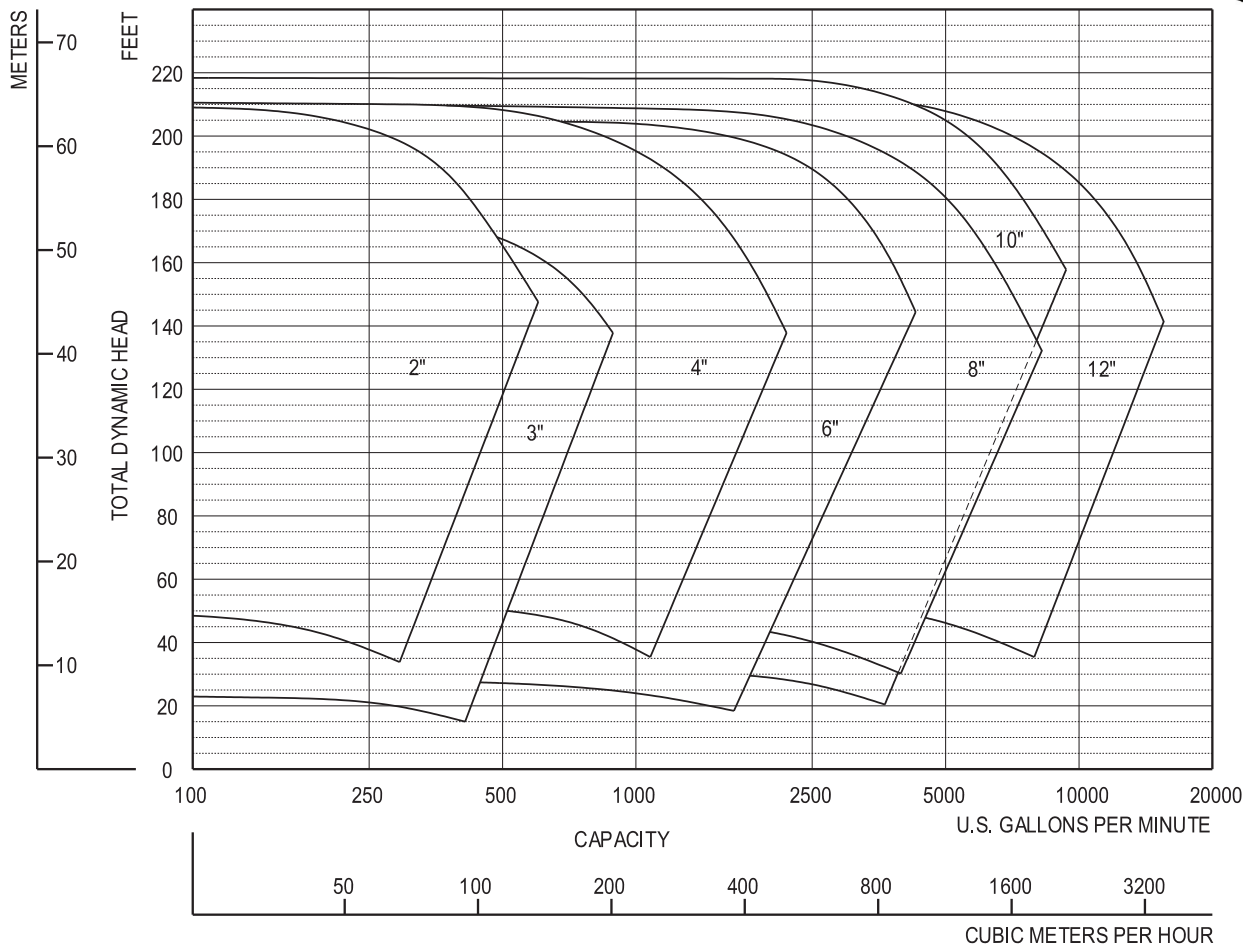
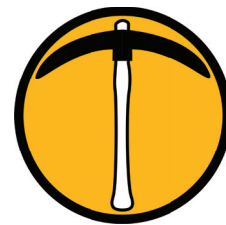


APPLICATIONS

- DEWATERING
- CYCLONE FEED
- REGRIND
- FLOTATION
- TAILINGS



SP SERIES SLURRY PUMPS



MODEL
2SP
3SP
4SP
6SP
8SP
10SP
12SP

NOTES:

1. Do not use for construction unless certified.
2. Dimension "U" and Keyway are in millimeters.
All other dimensions in inches.

MODEL	FLANGE DIMENSION					
	DISCHARGE			SUCTION		
	DF	DJ	DH	SF	SJ	SH
2SP	7.25	5.75	4x.75	8.5	7	4x.75
3SP	9.02	7.52	4x.87	10.98	9.25	4x.87
4SP	10.98	9.25	4x.87	13.27	11.5	4x.87
6SP	14.49	12.76	8x.83	15.98	14.02	8x.87
8SP	17.01	14.76	8x1.14	19.76	17.52	8x1.14
10SP	20.75	18.5	12x.98	20.75	18.5	8x.98
12SP	21.73	19.49	12x.98	23.03	20.51	12x.98

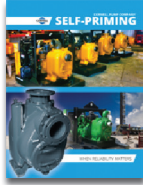
MODEL	WEIGHT (LB)	
	METL.	RUBB.
2SP	420	340
3SP	580	520
4SP	1380	1000
6SP	3250	2165
8SP	8270	6900
10SP	4520	7400
12SP	14130	10300

PUMP DIMENSIONS

MODEL	FRAME	CONNECTION		A	B	CP	D	E	F	G	H	L	O	P	R	U	V	X	Y	Z	KEYWAY
		DISCH.	SUCT.																		
2SP	C	2	3	15.98	12.24	30.24	10	7	6.89	1.89	0.75	9.17	9.37	1.26	11.06	42mm	4.76	8.27	5.98	5.43	12mm x 8mm
3SP	C	3	4	15.98	12.24	33.19	10	7	6.89	1.89	0.75	10.63	11.5	1.26	13.94	42mm	4.76	10.31	7.4	5.87	12mm x 8mm
4SP	D	4	6	19.37	14.33	40.2	13	8.5	8.39	2.52	0.87	12.52	15.98	1.5	16.57	65mm	6.46	13.31	8.5	9.02	18mm x 11mm
6SP	E	6	8	24.49	17.64	51.26	17.99	10.75	10.12	2.99	1.14	15.83	21.69	2.13	21.93	80mm	8.74	18.11	11.5	12.52	22mm x 14mm
8SP	ST	8	10	45.28	30.71	68.82	25.59	17.72	24.41	4.92	1.89	17.28	26.5	3.15	27.24	120mm	11.02	25	13.11	16.5	32mm x 18mm
10SP	ST	10	12	45.28	30.71	71.5	25.59	17.72	24.41	4.92	1.89	16.38	29.72	3.15	30	120mm	11.02	26.54	16.26	18.27	32mm x 18mm
12SP	ST	12	14	45.28	30.71	73.74	25.59	17.72	24.41	4.92	1.89	19.13	36.89	3.15	31.87	120mm	11.02	32.76	18.74	24.76	32mm x 18mm

THE CORNELL PRODUCT LINE

SELF-PRIMING



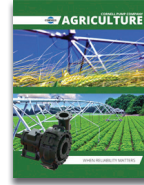
SUBMERSIBLE



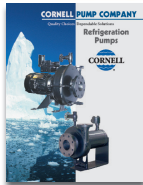
TURBINE



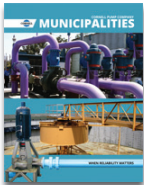
AGRICULTURAL



REFRIGERATION



MUNICIPAL



FOOD PROCESS



INDUSTRIAL



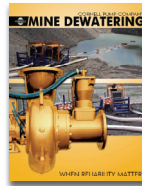
REDI-PRIME



IMMERSIBLE



MINE DEWATERING



CORPORATE



Cycloseal®, and Redi-Prime® are Registered Trademarks of Cornell Pump Company.

Cornell pumps and products are the subject of one or more of the following U.S. and Foreign patents: 3,207,485; 3,282,226; 3,295,456; 3,301,191; 3,630,637; 3,663,117; 3,743,437; 4,335,886; 4,523,900; 5,489,187; 5,591,001; 6,074,554; 6,036,434; 6,079,958; 6,309,169; 2,320,742; 96/8140; 319,837; 918,534; 1,224,969; 2,232,735; 701,979 and are the subject of pending U.S. and Foreign Patent Applications.



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