

# CSCP (Cast-Iron Sewage Double-Channel Pump) CSVP (Cast-Iron Sewage Vortex Pump)

BLAIRS Sewage submersible Pumps are ideal for pumping drainage water, sewage or waste water or nuisance water. These pumps are outstanding for their reliability in fixed installations with automatic operation. Exceptional sturdiness even under severe working conditions also featured by its long durability and safety with stable performance curves

### APPLICATION

BLAIRS Sewage submersible pump is extensively used in dirty water, designed mainly for industrial and civil fields, sewers, galleries, excavation sites, wells, channels, underground car parks and architectural operations. They are also recommended for draining dirty water in domestic and civil sectors.

### WORKING PRINCIPLE

BLAIRS Sewage submersible pumps are allowed to pump liquids containing suspended solid bodies with dimensions up to 35 mm and short fibers. Pumps are made of hard alloy and reliably well-sealed and equipped with overheat & overload protection device,

CSCP (Cast-iron Sewage double-channel) Pump is equipped with a double-channel impeller.  
CSVP (Cast-iron Sewage vortex Pump) Pump is equipped with a VORTEX pumps.

### PERFORMANCE RANGE

Flow rate up to 1083 l/min. (65m<sup>3</sup>/h) Head up to 30 m

### OPERATING LIMITS

Fluid temperature up to 40°C  
Maximum ambient temperature 40°C  
Maximum operating depth 8m below water level  
Maximum passage for Grain size inlet Ø 35 mm

### STRUCTURE FEATURE

Motor Housing: Cast iron  
Pump Body: Cast iron  
Impeller: Cast iron  
Motor Shaft: stainless steel  
Mechanical seal: Stainless steel/Ceramic - Graphite,

### MOTOR

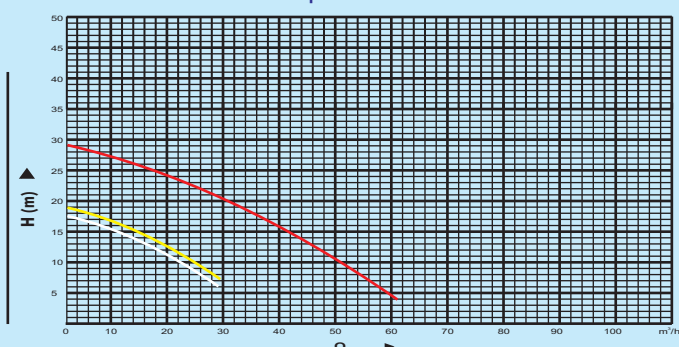
Insulation: Class F  
Protection: Ip68  
Electric motor: Single-phase 220V - 50Hz with capacitor and thermal overload protector, three phases Voltage fluctuation for 10% more or less is allowed.



MODEL	SIZE	POWER		Q												
				m <sup>3</sup> /h	0	3.5	7	10.5	14	20	25	30				
	MM	KW	HP	l/min	0	58	117	175	233	333	416	500				
● CSCP 6 -12 -0.55	35	0.55	0.75	H (m)	17	14.3	12	9	7.5	3						
● CSCP 10 -7 -0.55	35	0.55	0.75		9.5	8.5	8.1	7	4.5							
● CSCP 6 -16 -0.75	35	0.75	1		21	18.4	16	13	11	6	3					
● CSCP 10 -10 -0.75	35	0.75	1		12.5	11.6	10.5	10	6.5							
● CSCP 15 -9 -1.1	75	1.1	1.5		12	11.5	11	10.5	10	8	5					
● CSCP 15 -10 -1.5	65	1.5	2		13	12	11.8	11	10.5							
● CSCP 15 -20 -2.2	65	2.2	3		24	22	21.8	20	17.5	16						

MODEL	SIZE	POWER		Q															
				m <sup>3</sup> /h	0	5	10	15	20	25	30	35	40	45	50	65			
	MM	KW	HP	l/min	0	83	167	250	333	416	500	583	667	750	833	1083			
● CSVP(T) 15-13-1.5	50	1.5	2	H (m)	17.5	16.5	15	13	11	7.5	6								
● CSVP(T) 20-13-2.2	75	2.25	3		19	18	16.5	14	13	8	7	5.5							
● CSVP(T) 30-20-4	75	4.1	5.5		29	28	27	25	24	22.5	20.5	18	16	14	12	4			

PERFORMANCE CHART AT n=2900rpm



PERFORMANCE CHART AT n=2900rpm

