Introduction:

Series CAHR slurry pumps are cantilevered, horizontal, centrifugal with double casings. They are designed for the handling of highly abrasive, high-density slurries.

Structure:

The wet parts of this pump are made of natural rubber, which could be replaceable wear-resistant parts. The discharge side can be oriented to any of the eight different positions. The shaft seals may adopt packing gland seal, expeller seal and mechanical seal.

Application:

Series CAHR slurry pump mainly applies in the metallurgy, mining, coal washery, power plant, building material and other industries. This pump can be installed in multistage series.

Model Explanation and Performance Chart:

4/3C-CAHR

4: Suction size (inch)

3: Discharge size (inch)

C: Frame type with maximum power

C: CSPG

AH: High duty slurry

R: Rubber lined

Pump Model	CAHR slurry pump with rubber liners							Impeller Dia.
	Allowable Max.Power	Clear Water Performance						
		Capacity Q		Head H(m)	Speed n(r/min)	EFF. η%	NPSH (m)	
		m3/h	l/s					
1.5/1B-CAHR	15	10.8-25.2	3-7	7-52	1400-3400	35	2-4	152
2/1.5B-CAHR	15	25.2-54	7-15	5.5-41	1000-2600	50	2.5-5	178
3/2C-CAHR	30	36-75.6	10-21	13-39	1300-2100	55	2-4	213
4/3C-CAHR	30	79.2-180	22-50	5-34.5	800-1800	59	3-5	245
4/3D-CAHR	60							
6/4D-CAHR	60	144-324	40-90	12-45	800-1350	65	3-5	365
6/4E-CAHR	120							
8/6E-CAHR	120	324-720	90-200	7-49	400-1000	65	5-10	510
8/6R-CAHR	300							
10/8ST-CAHR	560	540-1188	150-330	12-50	400-750	75	4-12	686
12/10ST-CAHR	560	720-1620	200-450	7-45	300-650	80	2.5-7.5	762
14/12ST-CAHR	560	1152-2520	320-700	13-14	300-500	79	3-8	965
16/14TU-CAHR	1200	1368-3060	380-850	11-63	250-550	79	4-10	1067