

# ГОРИЗОНТАЛЬНЫЕ ШЛАМОВЫЕ НАСОСЫ СЕРИИ АН



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# ГОРИЗОНТАЛЬНЫЕ ШЛАМОВЫЕ НАСОСЫ СЕРИИ АН



Type AH slurry pumps are cantilevered, horizontal and centrifugal slurry pumps. The wet end part can use wear resistance metal, rubber and ceramic. It can be used for metallurgy, mining, coal, electric power and building material to transmit slurry with strong corrosion and high concentration.

## Features:

1. All the spares can be changeable with original Warman pumps. the wetted parts' material can be optional as metal, rubber, or ceramic according to customer's requirement
2. Bearing assembly – a large diameter shaft with short overhang minimizes deflection and contributes to long bearing life. Only four through bolts are required to hold the cartridge type housing in the

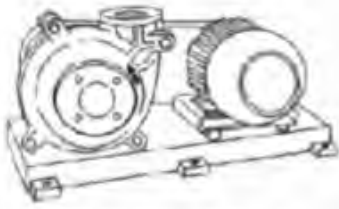
frame.

3. Volute Liners – easily replaceable liners are bolted, not glued, to the casing for positive attachment and ease of maintenance. Hard metal liners are completely interchangeable with pressure moulded elastomer.
4. Elastomer seal rings back all liner joints.
5. Pump casing – Casing halves of cast or ductile iron with external reinforcing ribs provide high operating pressure capabilities and an extra measure of safety.
6. Impeller – front and rear shrouds have pump out vanes that reduce recirculation and seal contamination. Hard metal and moulded elastomer impellers are completely interchangeable.
7. CNC machining impeller threads require no inserts or nuts. High efficiency and high head designs are also available
8. Throat bush – wear is reduced and maintenance simplified by the use of tapered mating faces to allow positive accurate alignment during assembly and simple removal.
9. One-piece frame – a very robust one-piece frame cradles the cartridge type bearing and shaft assembly.
10. An external impeller adjustment mechanism is provided below the bearing housing for easy adjustment of impeller clearance.
11. Pump exit position- Based on 45 degree interval, rotating eight different angles of installation.

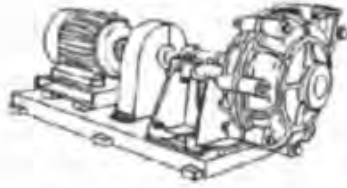
## Slurry Pump Bracket Type Description

Bracket Type	A	B	C	D	E	R	F	G	S	T
Allowable Max Power(kw)	7.5	15	30	60	120	300	260	600	560	1200
Bracket Weight(kw)	17	24	45	77.5	154	228	555	1006	546	1156
Shaft Water Volume	0.15	0.25	0.35	0.55	0.70	0.70	0.70	1.20	1.20	1.60

## AH Slurry Pump Transmission Type



CRCL DRIVING TYPE



DCZ DRIVING TYPE

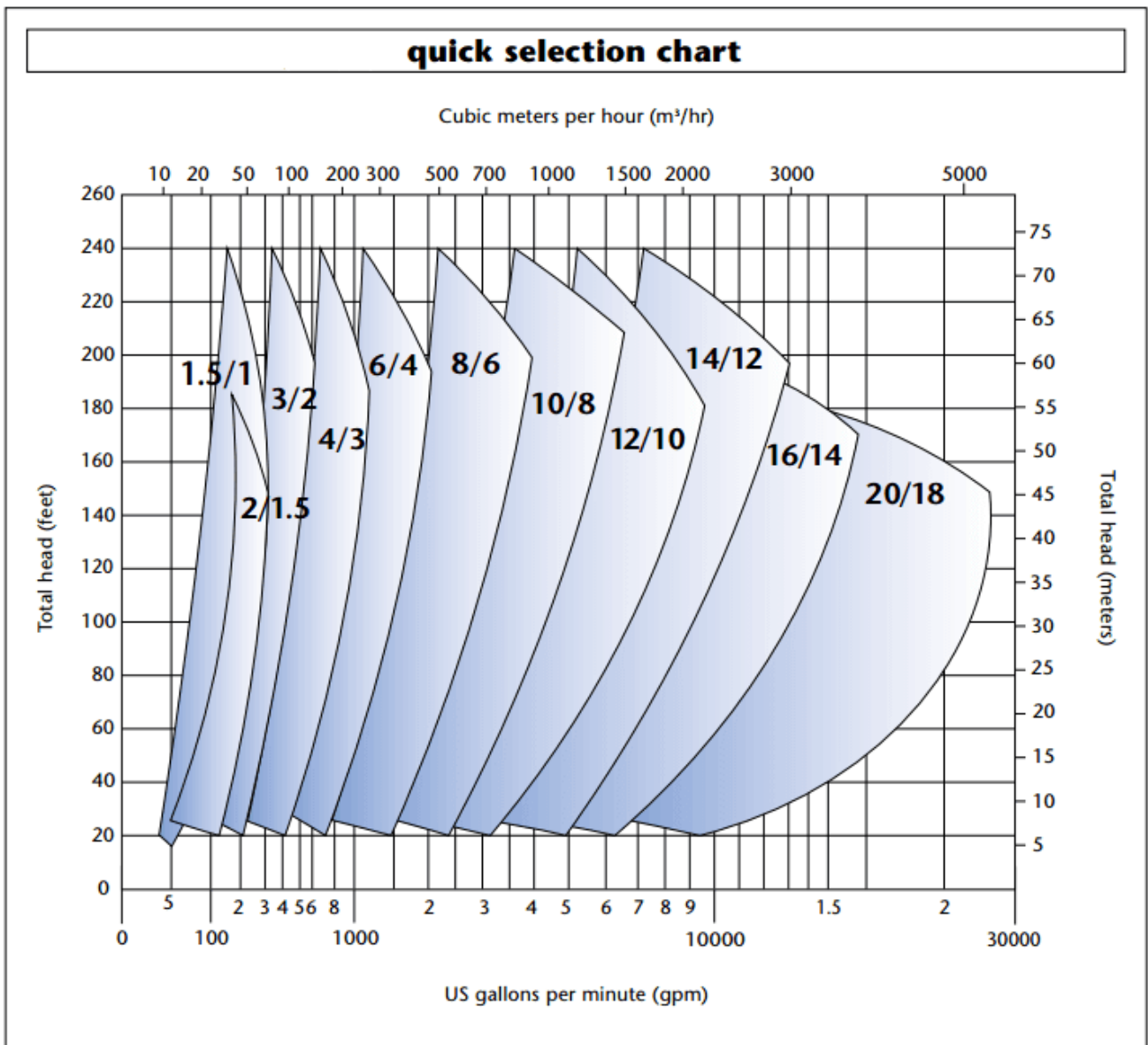


CV DRIVING TYPE



ZVZ DRIVING TYPE

## Selection & Performance Chart



## AH Slurry Pump Performance Chart

Pump Model	Allowable Max.Power (kw)	Capacity m <sup>3</sup> /h	L/S	Head H(m)	Speed n(r/min)	Max.EFF. (%)	NPSH (m)	Impeller (mm)
1.5/1B-AH	15	12.6-28.8	3.5-8	6-68	1200-3800	40	2-4	152
2/1.5B-AH	15	32.4-72	9-20	6-58	1200-3200	45	3.5-8	184
3/2C-AH	30	39.6-86.4	11-24	12-64	1300-2700	55	4-6	214
4/3C-AH	30	86.4-198	24-55	9-52	1000-2200	71	4-6	245
4/3D-AH	60	86.4-198	24-55	9-52	1000-2200	71	4-6	245
6/4D-AH	60	162-360	45-100	12-56	800-1550	65	5-8	365
6/4E-AH	120	162-360	45-100	12-56	800-1550	65	5-8	365
8/6E-AH	120	360-828	100-230	10-61	500-1140	72	2-9	510
8/6R-AH	300	360-828	100-230	10-61	500-1140	72	2-9	510
10/8ST-AH	560	612-1368	170-380	11-61	400-850	71	4-10	686
12/10ST-AH	560	936-1980	260-550	7-68	300-800	82	6	762
14/12ST-AH	560	1260-2772	350-770	13-63	300-600	77	3-10	965
16/14TU-AH	120	1368-3060	380-850	11-63	250-550	79	4-10	1067
20/18TU-AH	1200	2520-5400	700-1500	13-57	200-400	85	5-10	1370
1.5/1B-AH	15	10.8-25.2	3-7	7-52	1400-3400	35	2-4	152
2/1.5B-AH	15	25.2-54	7-15	5.5-41	1000-2600	50	2.5-5	178
3/2C-AH	30	36-75.6	10-21	13-39	1300-2100	55	2-4	213
4/3C-AH	30	79.2-180	22-50	5-34.5	800-1800	59	3-5	245
4/3D-AH	60	79.2-180	22-50	5-34.5	800-1800	59	3-5	245
6/4D-AH	60	144-324	40-90	12-45	800-1350	65	3-5	365
6/4E-AH	120	144-324	40-90	12-45	800-1350	65	3-5	365
8/6E-AH	120	324-720	90-200	7-49	400-1000	65	5-10	510
8/6R-AH	300	324-720	90-200	7-49	400-1000	65	5-10	510
10/8ST-AH	560	540-1188	150-330	12-50	400-750	75	4-12	686
12/10ST-AH	560	720-1620	200-450	7-45	300-650	80	2.5-7.5	762
14/12ST-AH	560	1152-2520	320-700	13-44	300-500	79	3-8	965
16-14TU-AH	1200	1224-2754	340-765	9-43	250-450	82	3-8	1067
20-18TU-AH	1200	2268-4860	630-1350	11-46	200-350	82	2-8	1372





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