

SOUTHERN CROSS HBN

316 STAINLESS STEEL HORIZONTAL MULTI-STAGE TRANSFER PUMPS

RELIABLE CORROSION RESISTANT TRANSFER PUMP



FEATURES

Compact design.

Available in 4 sizes in up to 6 stages.

Supplied with sturdy steel mounting foot.

Quick release locking band allows back pullout of pump element for servicing without disturbing the suction and discharge plumbing.

All parts in contact with liquid are 316 grade stainless steel.

10mm (3/8") priming and drain plugs.

Screwed suction and discharge connections:
HBN-2 ... 25mm (1" BSPF)
HBN-4 ... 32mm (1 1/4" BSPF)
HBN-8 & 12 ... 37.5mm (1 1/2" BSPF)

High quality mechanical shaft seal.

TEFC motor, 2800 rpm, 240V single phase or 415V three phase, IP54 enclosure.

240V units supplied with 1.8m lead and 3 pin plug.

Simple repair, servicing, maintenance and parts replacement.

APPLICATIONS

Domestic
Agricultural
Industrial Cleaning
Pressure Boosting
Heating and Cooling Systems
Metering Systems
Water Purification

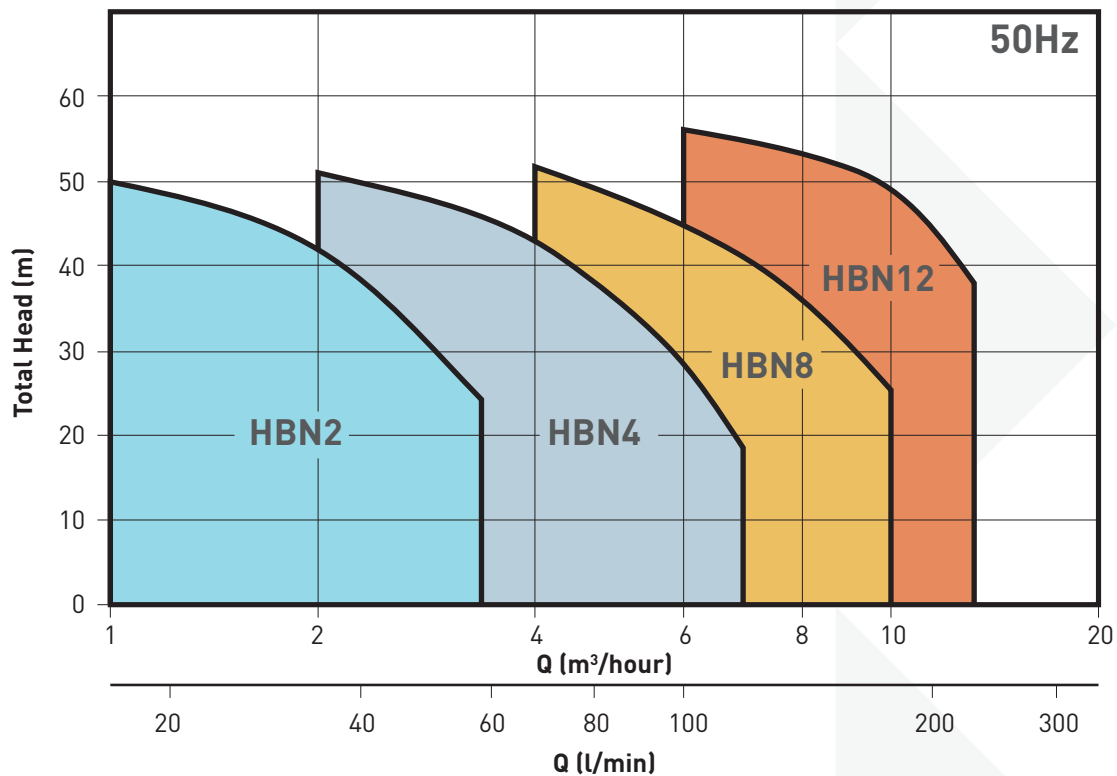
PUMP CONSTRUCTION MATERIALS

Suction Chamber	316SS
Pump Housing	316SS
Intermediate Chamber	316SS
Impeller	316SS
Shaft	316SS
Shaft Seal	SiC/SiC
O-ring	Viton
Drain & Priming Plugs	316SS
Base Plate	Steel

OPERATING LIMITS

Capacity	Maximum 14m ³ /hour
Head	Maximum 55 metres
Liquid Temp.	0°C to +90°C
Max. Ambient Temp.	+40°C
Pumped Liquid	Clean Water Light Oils Soft Water Demineralised Water

PERFORMANCE



Model	Motor (Watts)		Full Load Amps		Pump Stages	Max. Head (m)	Max. Flow (L/min)	Length (mm)		Height (mm)		Width (mm)	Weight (kg)	
	1x240V	3x415V	1x240V	3x415V				Single Phase	3 Phase	Single Phase	3 Phase		Single Phase	3 Phase
HBN 2-20	450	370	1.9	1.1	2	19	58	403	403	255	233	204	9.6	9.6
HBN 2-30	540	480	2.4	1.1	3	28	58	403	403	255	233	204	9.9	9.9
HBN 2-40	630	620	2.8	1.2	4	37	58	403	403	255	233	204	10.1	10.1
HBN 2-50	800	820	3.8	1.6	5	47	58	403	403	255	233	204	10.8	10.8
HBN 2-60	940	910	4.2	1.6	6	55	58	403	403	255	233	204	11.0	11.0
HBN 4-20	560	560	2.5	1.2	2	20	116	403	403	255	233	204	9.6	9.6
HBN 4-30	760	720	3.5	1.4	3	29	116	403	403	255	233	204	9.9	9.9
HBN 4-40	1000	980	4.8	1.8	4	39	116	403	403	255	233	204	10.6	10.6
HBN 4-50	1220	1210	5.7	2.3	5	48	116	441	441	255	233	204	12.1	12.1
HBN 4-60	1410	1410	6.4	2.7	6	58	116	441	441	255	233	204	12.3	12.3
HBN 8-10	720	760	3.4	1.7	1	19	165	403	403	255	233	204	10.2	10.0
HBN 8-15	1150	1180	5.4	2.5	2	30	165	441	441	255	233	204	12.3	12.1
HBN 8-20	1400	1430	6.4	3.2	2	38	165	441	441	255	233	204	13.5	13.3
HBN 8-25	1930	1810	8.6	3.5	3	48	165	514	441	267	233	204	23.0	13.9
HBN 8-30	2100	2050	9.3	4.0	3	57	165	514	493	267	261	204	23.1	22.2
HBN 12-10	1200	1210	5.5	2.5	1	20	230	441	441	255	233	204	11.7	11.5
HBN 12-15	1700	1680	7.8	3.4	2	30	230	514	441	255	233	204	13.4	13.2
HBN 12-20	2460	2410	11	4.3	2	39	230	514	493	267	261	204	22.5	21.5
HBN 12-25	2900	2870	13	5.3	3	50	230	514	493	267	261	204	25.7	24.4
HBN 12-30	-	3640	-	6.7	3	58	230	-	539	-	284	204	-	30.2



PENTAIR SOUTHERN CROSS

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