



BB4 - CNSn Low pressure multistage Pumps (1500rpm)

Pump Name	Rated Flow, m ³ /hr	Head. m	Speed, rpm	Motor Rated Power. kW
CNSn (ЦНЧН) 180-85	180	85	1500	75
CNSn (ЦНЧН) 180-128	180	128	1500	90
CNSn (ЦНЧН) 180-170	180	170	1500	132
CNSn (ЦНЧН) 180-212	180	212	1500	160
CNSn (ЦНЧН) 180-255	180	255	1500	200
CNSn (ЦНЧН) 180-297	180	297	1500	250
CNSn (ЦНЧН) 180-340	180	340	1500	250
CNSn (ЦНЧН) 180-383	180	383	1500	315
CNSn (ЦНЧН) 180-425	180	425	1500	315
CNSn (ЦНЧН) 300-120	300	120	1500	160
CNSn (ЦНЧН) 300-180	300	180	1500	200
CNSn (ЦНЧН) 300-240	300	240	1500	315
CNSn (ЦНЧН) 300-300	300	300	1500	400
CNSn (ЦНЧН) 300-360	300	360	1500	500
CNSn (ЦНЧН) 300-420	300	420	1500	500
CNSn (ЦНЧН) 300-480	300	480	1500	630
CNSn (ЦНЧН) 300-540	300	540	1500	630
CNSn (ЦНЧН) 300-600	300	600	1500	800
CNSn (ЦНЧН) 315-630	315	670	1500	1000
CNSn (ЦНЧН) 500-160	500	160	1500	400
CNSn (ЦНЧН) 500-240	500	240	1500	630
CNSn (ЦНЧН) 500-320	500	320	1500	800
CNSn (ЦНЧН) 500-400	500	400	1500	1000
CNSn (ЦНЧН) 500-480	500	480	1500	1000
CNSn (ЦНЧН) 500-560	500	560	1500	1250
CNSn (ЦНЧН) 500-640	500	640	1500	1600
CNSn (ЦНЧН) 500-720	500	720	1500	1600
CNSn (ЦНЧН) 500-800	500	800	1500	2000

Low pressure multistage Pumps (1500rpm) CNSn (BB4)

Designed for transporting crude oil and end products through long-distance, process and auxiliary pipelines.

Electrically driven horizontal multistage segmental centrifugal pumps, with all impellers facing the same way and automatic balancing of the rotor axial thrust by balance disc and balance disc seat. The suction nozzle horizontally sideward, the discharge nozzle vertically to the top. Radial forces and unbalanced axial thrust load of the pump rotor are taken up by the grease-lubricated antifriction bearings. Shaft sealing: by dual mechanical seals or single mechanical seals, each provided with an auxiliary (safety) seal on the atmosphere side. Cartridge type design of the mechanical seals allows their installation and removal as an assembly unit. Cyclone separators for cleaning liquid supplied to the mechanical seal chambers can be mounted on the pumps for their reliability improvement. For applications with low NPSH available existing at the installation, the ЦНC(Н) 500 model pumps can be equipped with an inducer to ensure NPSH required equal to 3m.