

Alcon Chopper & Heavy Duty Pumps



The Alcon Chopper Pump is a 3" centrifugal self priming pump for use with clean, dirty or muddy water, screened sewage, farm effluent transfer and organic irrigation.

It comprises a cast iron body and yoke and the pump has a carbon ceramic mechanical seal. The impeller is bronze with two vanes, with each vane having a double bladed cutter fitted to the outer edge.

A simple non-return valve, together with a swan neck (with inspection cover) fitted to the inlet ensures sufficient fluid is retained within the pump body for efficient priming.

The pump is available as a bareshaft unit for the customer to fit the prime mover or as a long coupled unit with electric motor. It is also available with a gearbox for PTO driven applications.



MODEL	BARESHAFT	ELECTRIC MOTOR LONG COUPLED	TRACTOR PTO
HILTA REF	P716-109	P716-687	P716-739
POWER	supplied by user	7.5KW 415V 3PH motor	N/A
CONNECTIONS	3"bsp	3"bsp	3"bsp
MAX OUTPUT	1275 litres / min (17000gals / hr) dependant on power unit / speed		
MAX LIFT	-	6 metres	
TOTAL HEAD	-	35 metres	55 metres
MAX SOLID	20mm up to a maximum concentration of 30%		
MOUNTING	foot mounted	foot mounted	optional 3 point linkage
DIMENSIONS (LxWxH)mm	730 x 260 x 550	1200 x 300 x 620	910 x 260 x 560
WEIGHT	66kg	140kg	83kg

All hoses and fittings available for all pumps

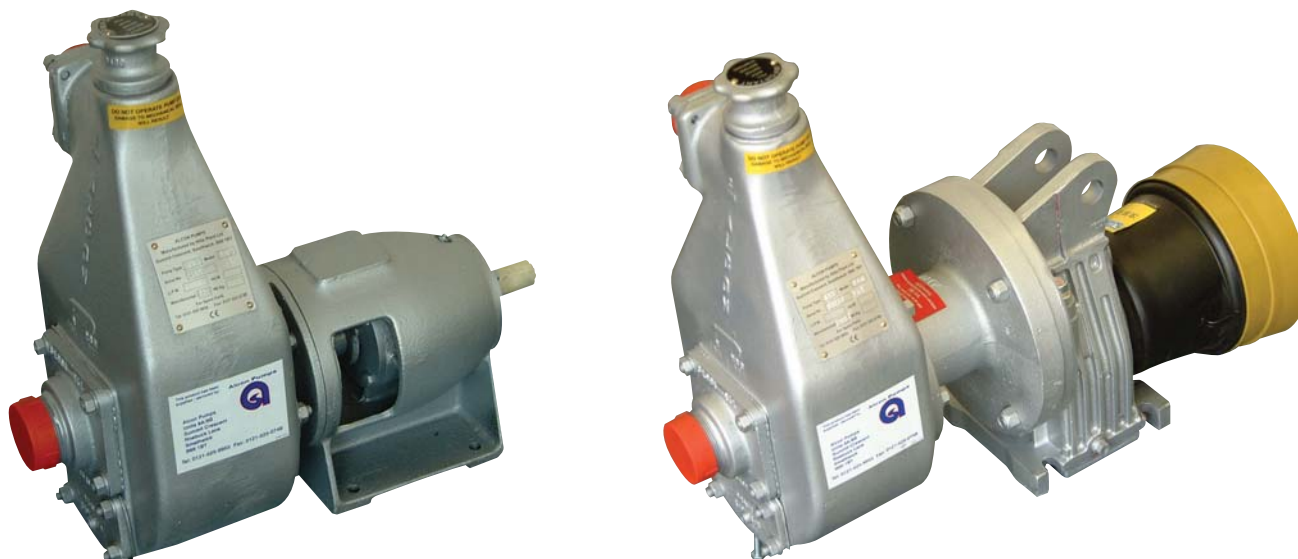
Specifications are subject to change without prior notice

Applications



Alcon heavy duty agricultural and pig feed pumps are 2" and 3" centrifugal pumps with a cast iron body and impeller for use with clean, dirty and muddy water, irrigation and crop spraying and are also available with a bronze impeller for clean & dirty water, liquid feed mixing and distribution, and pig and animal feeds.

The pump is available as a bareshaft unit for the customer to fit the prime mover or as a long coupled unit with electric motor. It is also available with a gearbox for PTO driven applications.



MODEL	BARESHAFT		ELECTRIC MOTOR		TRACTOR PTO
HILTA REF HEAVY DUTY PUMPS	P713-108	P716-119	with cast iron impeller		P713-144
			P713-642	P716-112	
HILTA REF PIG FEED PUMPS	P713-567	P716-616	with bronze impeller		
			P713-622	P716-678	
POWER	supplied by user		7.5kW 415V 3PH motor		N/A
CONNECTIONS	2"bsp	3"bsp	2"bsp	3"bsp	2"bsp
MAX OUTPUT	2" pump up to 750 litres / min (10000 gals / hr)				
	3" pump up to 975 litres / min (13000 gals / hr)				
MAX LIFT	-		6 metres		
TOTAL HEAD	-		29 metres		
MAX SOLID	20mm up to a maximum concentration of 30%				
MOUNTING	foot mounted		foot mounted		optional 3 point linkage
DIMENSIONS (LxWxH)mm	490 x 230 x 470	560 x 270 x 540	500 x 250 x 480	960 x 300 x 620	640 x 260 x 560
WEIGHT	45kg	56kg	130kg		73kg