

TYPE:

# DELTA

DOUBLE-BODY HORIZONTALLY CENTRIFUGAL PUMP  
IN ANTI-ABRASIVE SUPERALLOY

M

FIELDS OF APPLICATION:

A horizontal axis pump mainly used to feed filter presses in the mining and aggregates sectors, also finding its way into other industries.  
It is a double-body pump capable of reaching a maximum closed pressure of 16-17 bar and a maximum flow rate range of up to 9000 l/min. Impeller, body and wear flange are made of super hard cast iron to withstand the maximum possible abrasion.  
It is equipped with tungsten carbide or silicon mechanical seals flushed with clean water and oil-bath bearings.  
DELTA pumps can be supplied with single or double speed motors and with standard coupling by means of belts and pulleys.

TECHNICAL FEATURES

- AXIS:** with oil-bath lubricated bearings.
- MATCHING:** by means of belts and trapezoidal pulleys with protective casing.
- BODY:** n° 2 in chrome cast iron with vertical delivery.
- SEALS:** n°2 in dynamically balanced open-type anti-abrasive super alloy with hardness of approximately 750-800HB.
- BASE:** steel frame to support the pump on the floor.

STANDARD EQUIPMENT

- Oil temperature probe
- Flow kit with flow switch

OPTIONAL

- Pressure switch
- Bearing cooling
- Closed circuit flushing kit
- Control panel with inverter and integrated software available

SECTORS

MINING  
AGGREGATES  
SOIL WASHING  
INDUSTRIAL

MADE IN ITALY

HPT  
HIGH PRESSURE  
TECHNOLOGY  
16 BAR



OPERATING CHARACTERISTICS

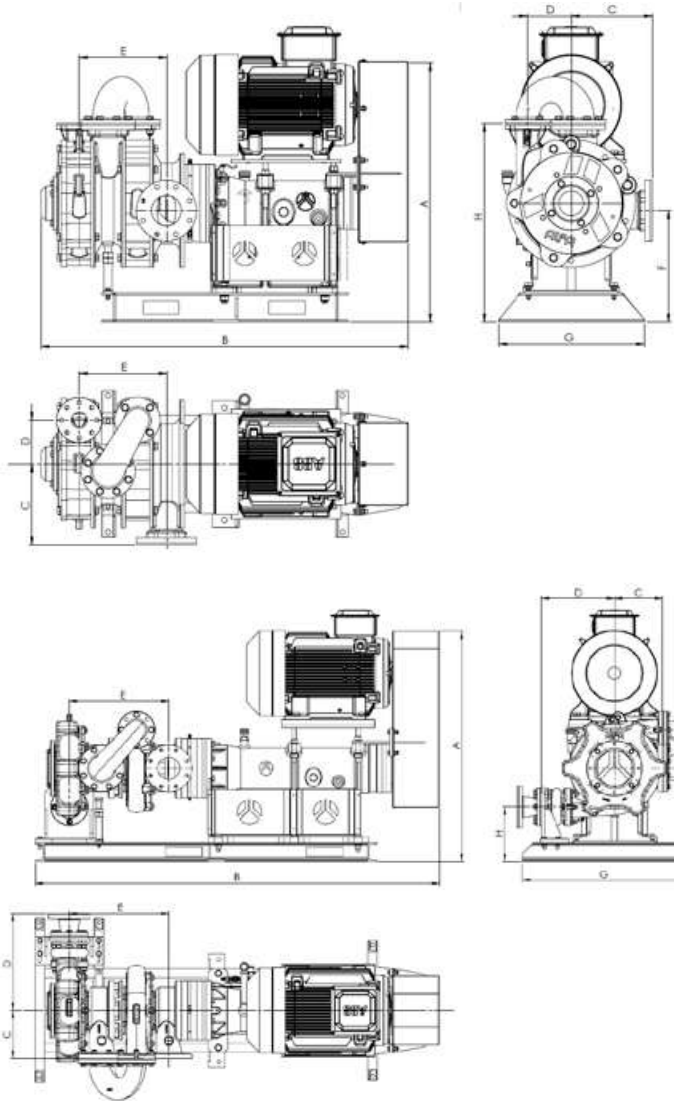
PUMPS	MAX FLOW RATE		MAX PRESSURE		PIPES		MOTOR (4P)
	m³/h	l/1'	m/H₂o	bar*	DN Int.	DN Out.	[Kw]
DLT550-2H	70	1160	126	16	100	50	22-30-37
DLT650-2H	120	2000	116	16	125	65	37-45
DLT1025-2H	180	3000	120	16	150	100	55-75-90
DLT1050-2H	250	4150	116	16	200	125	75-90-110
DLT220-2H	560	9300	121	16	250	200	160-200

\*Sludge pressure at density 1.4 kg/dm3

DIMENSIONAL

PUMPS	DISCHARGE POSITION	DIMENSIONI [mm]								WEIGHT [kg]
		A	B	C	D	E	F	G	H	
DLT550-2H	VERTICAL	934,5	1418	229	160,5	381	372,5	500	601	950
DLT650-2H	VERTICAL	1067	1511	332	180	359	461	600	819	1250
DLT1025-2H	HORIZONTAL	1238	2174	257,5	392	535	500	880	292	1540
DLT1050-2H	VERTICAL	1237,5	2089	515,5	245	562	500	750	807	2000
DLT220-2H	HORIZONTAL	1665	2751	802	771	674	697	1090	460	4200

Indicative dimensions and weights



ALFA POMPE®  
ITALIAN PUMPS FOR HEAVY DUTY SOLUTION  
DIMENSIONAL DRAWING