

Tender text

Project name

Project ID

Customer

Contact

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Pos.no	Description	Item no.
	Volute casing pump	
	Centrifugal pump: Etanorm 050-032-250.1/114 GG	5120430
	Etanorm	
	Horizontal single-stage volute casing pump, ratings to EN 733, radially split volute casing with integrally cast pump feet, long-coupled design. The pump is designed with replaceable casing wear rings, closed radial impeller with multiply curved vanes, single mechanical seal or double mechanical seals to EN 12756, shaft equipped with replaceable shaft protecting sleeve in the shaft seal area. The back pull-out design allows the coupling, bearing brackets and impeller to be dismantled without the need to disconnect the pump casing from the piping.	
	Operating data	
	Fluid handled	: Water
	Flow rate	:
	Head	:
	Fluid temperature	: 20,00 °C
	Permissible fluid temperature (min./max.)	: 0 bis +110
	Maximum operating pressure	: ≤ 16 bar
	Ambient temperature (min./max.)	: -10 to +50°C
	Motor/electronics	
	MEI value	: ≥ 0,4
	Motor rating	: 1,1 kW
	Max. rated current	: 2,64 A
	Speed	: 500 1/min ... 1.800 1/min
	Power supply	: 3 x 380 V AC - 15 % to 480 V AC +10 %
	Motor size	: 90S
	Energy efficiency class	: IE3 = Premium Efficiency
	Enclosure	: IP55
	Motor make	: KSW - IEC
	Materials	
	Pump casing (102)	: Grey cast iron JL1040
	Impeller (230)	: Steel/tempered steel E335/C45
	Pump shaft (210)	: Grey cast iron JL1040
	Casing cover (161)	: Grey cast iron JL1040
	Casing wear ring, suction side (502.01):	DPAF seal plate, asbestos-



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Pos.no	Description	Item no.	Qty.	UP / EUR	TP / EUR
	free				
	Casing wear ring, discharge side (502.02): Grey cast iron GG / cast iron				
	Shaft seal type	: Single mechanical seal, conical casing cover			
	Shaft seal material	:10 = Q1Q1X4GG			
	Installation				
	Installation type	: Baseplate for the entire pump set (pump + drive)			
	Dimensions and connections				
	Nominal size of discharge nozzle DN2	: DN 32			
	Nominal diameter of suction nozzle DN1	: DN 50			
	Nominal pressure, suction side	: 16			
	Nominal pressure, discharge side	: 16			
	Purchase order information				
	Approx. net weight	: 25,1 kg			
	Make	: KSB			
	Type	: Etanorm 050-032-250.1/114 GG			
	Material price group	: 55			
	Material number	: 5120430			

Data sheet: performance curve

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Design

Type / Coding

Volute casing pump

Etanorm 050-032-250.1/114 GG

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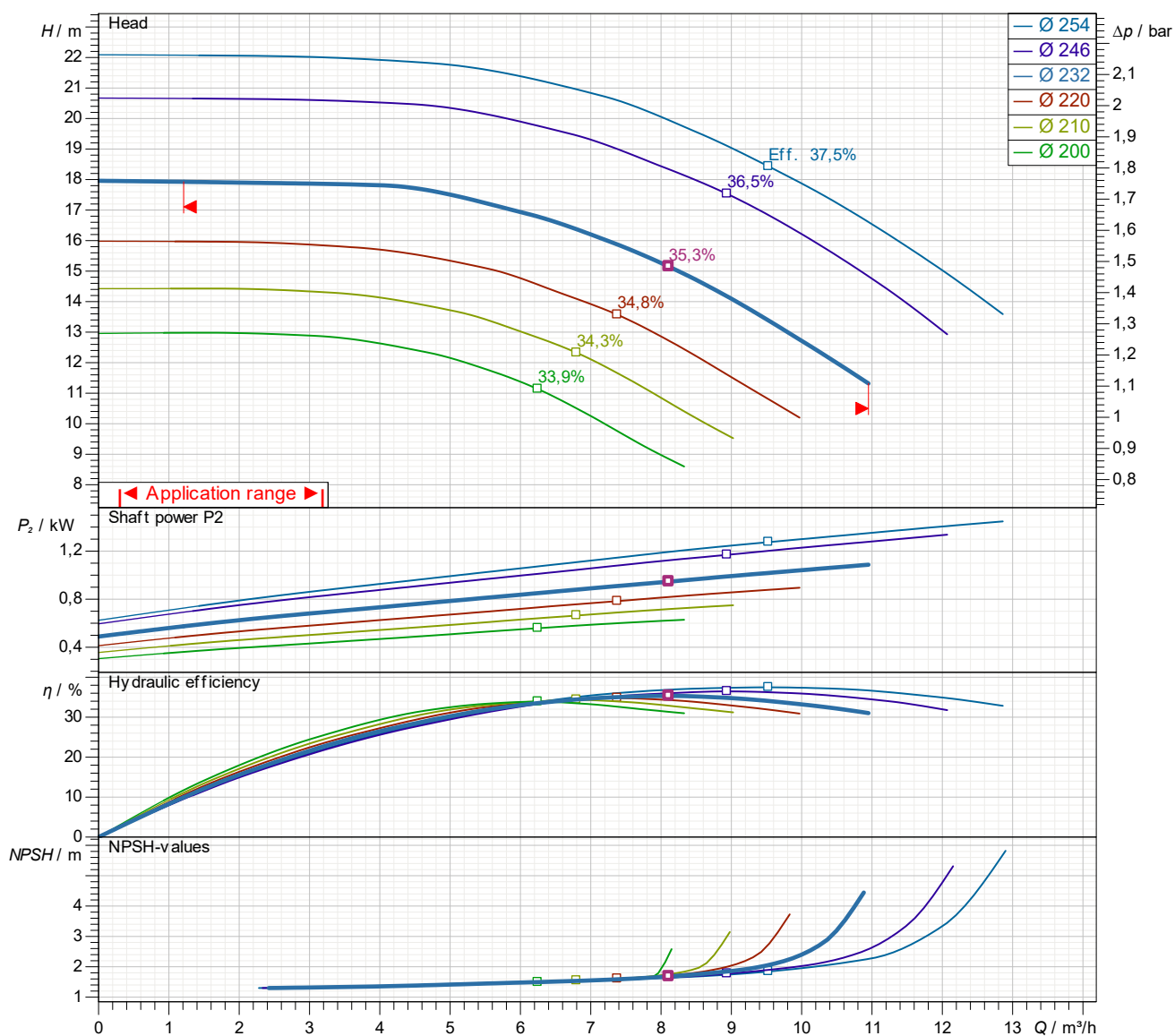
Phone

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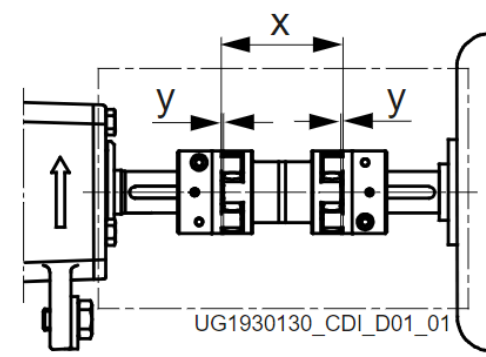
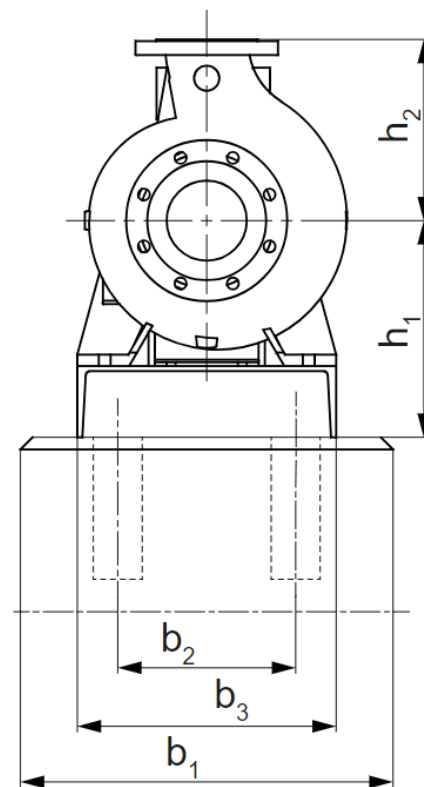
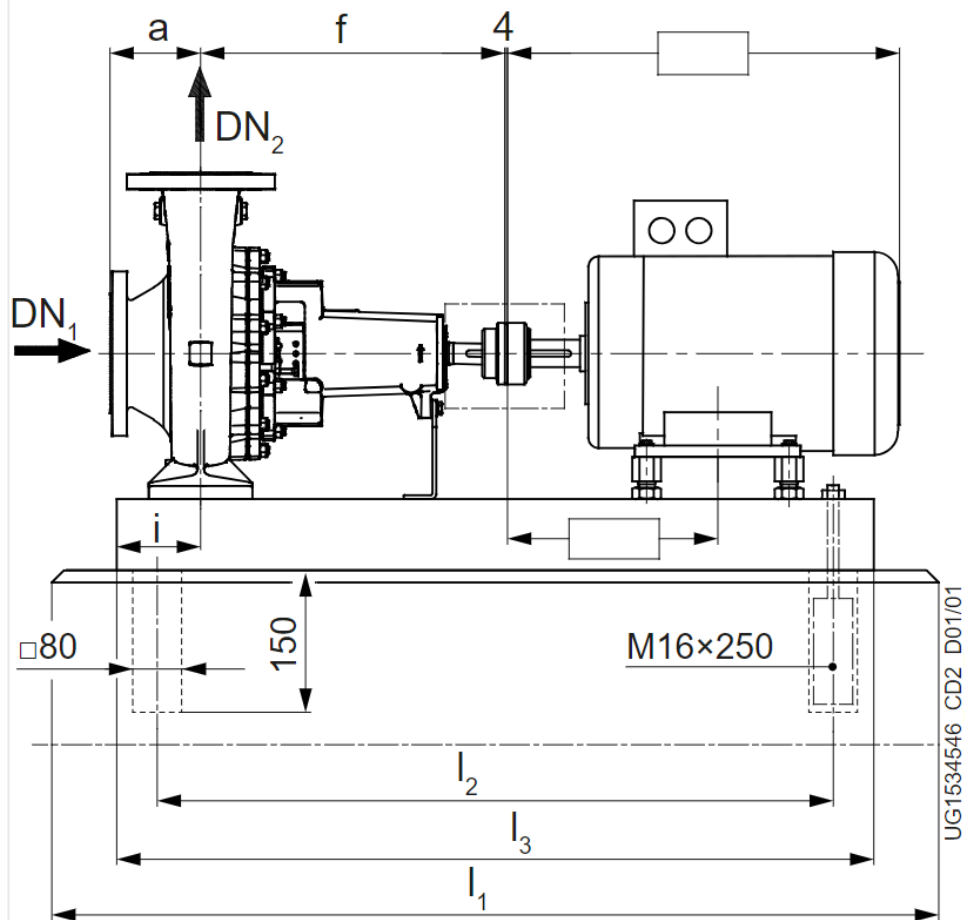
Performance curve

Etanorm 050-032-250.1/114 GG



Density 998,3 kg/m³

Viscosity 1,005 mm²/s



Name	Wert	Name	Wert
a	80 mm	l2	650 mm
b1	450 mm	l3	710 mm
b2	240 mm	p1	299 mm
b3	300 mm	x	100 mm
DN1	50 mm	z	190 mm
DN2	32 mm		
f	360 mm		
h1	260 mm		
h2	180 mm		
i	100 mm		
l1	860 mm		