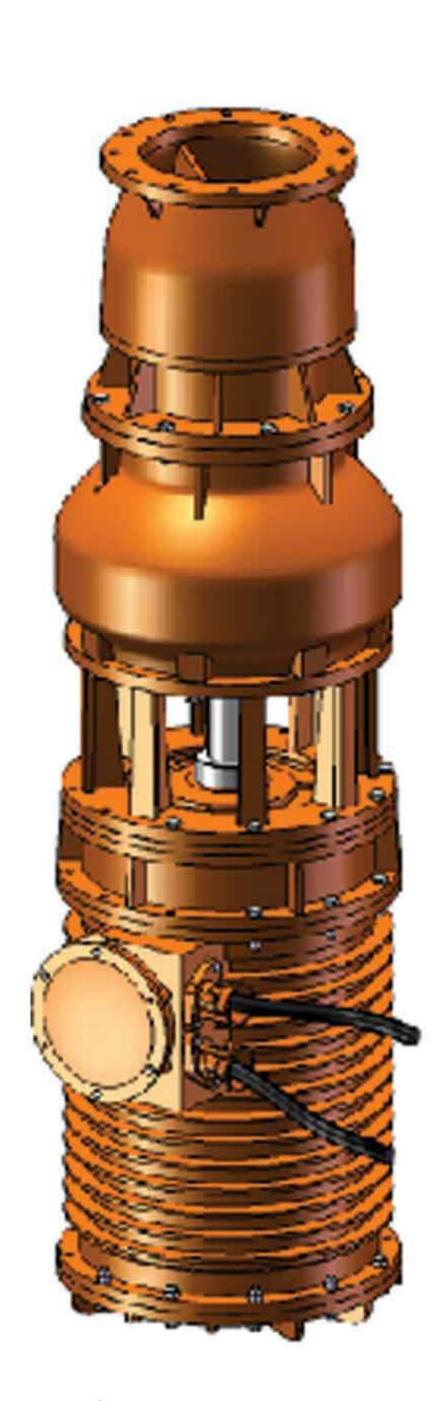


((SUBMERSIBLE ELECTRIC PUMPS))

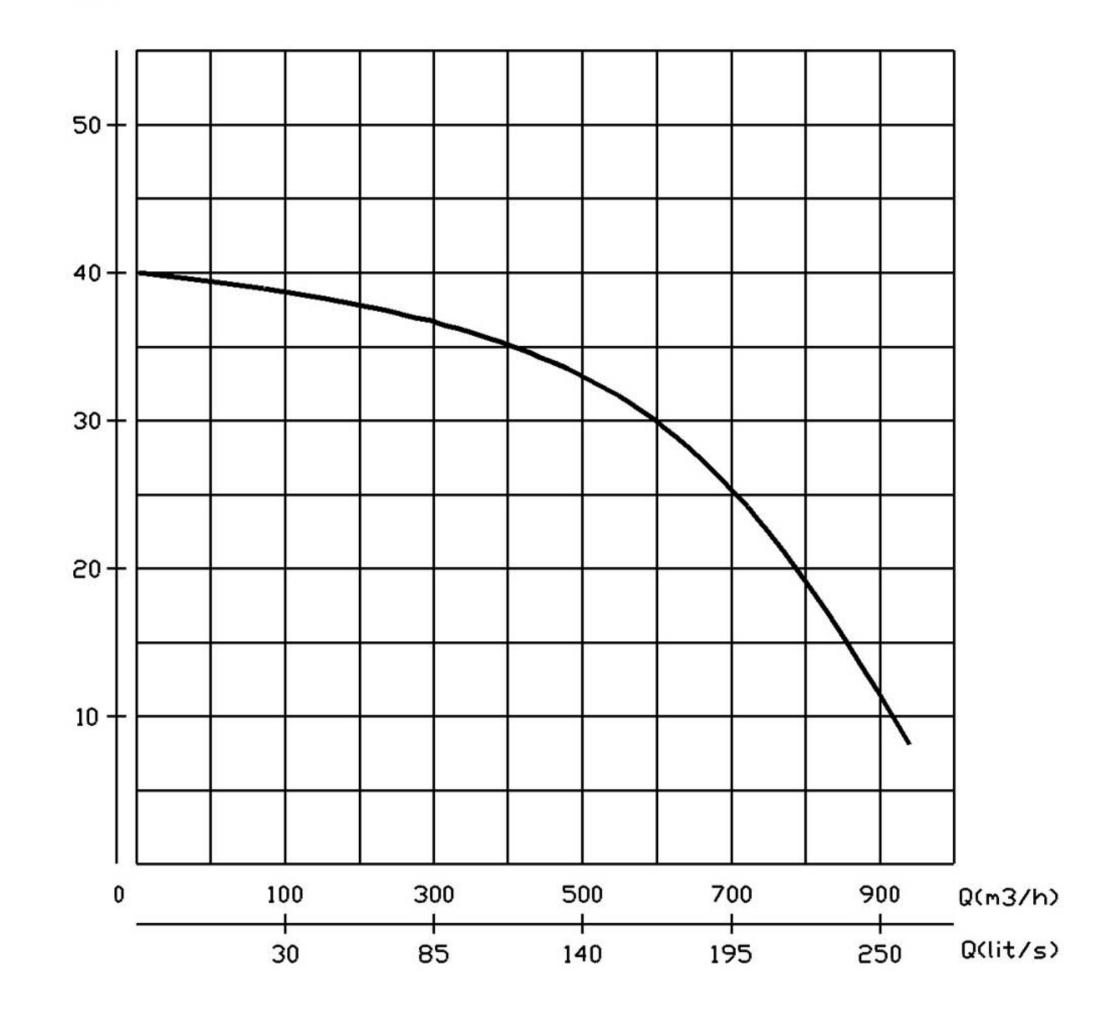






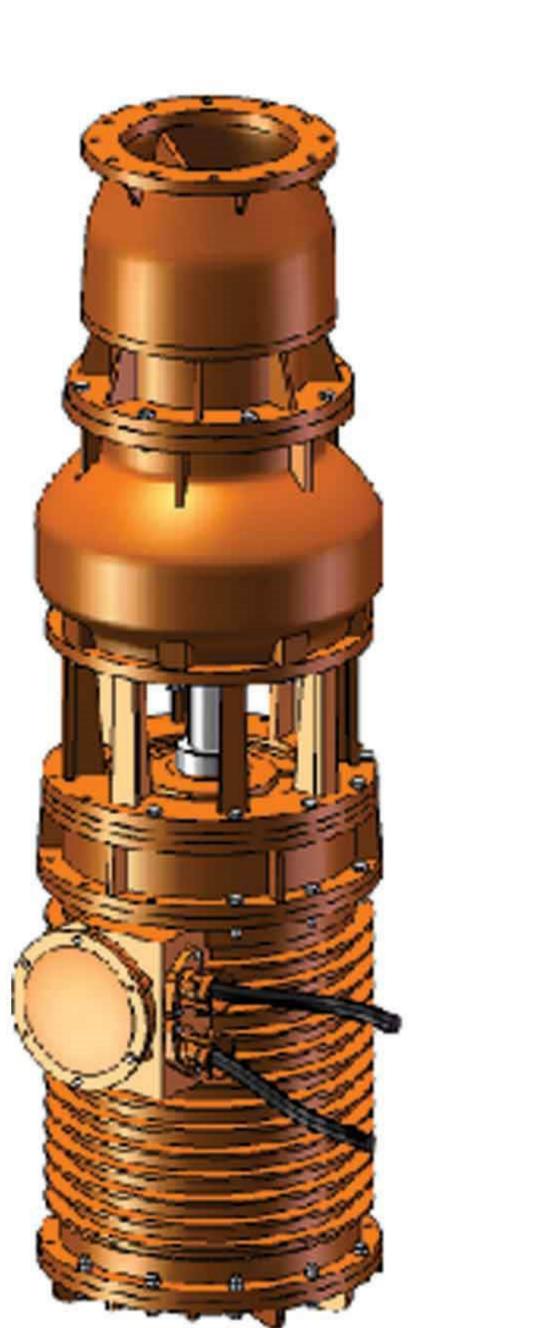
>> Submersible Electric Pumps SD 300/380/90 (50HZ)

H(m)



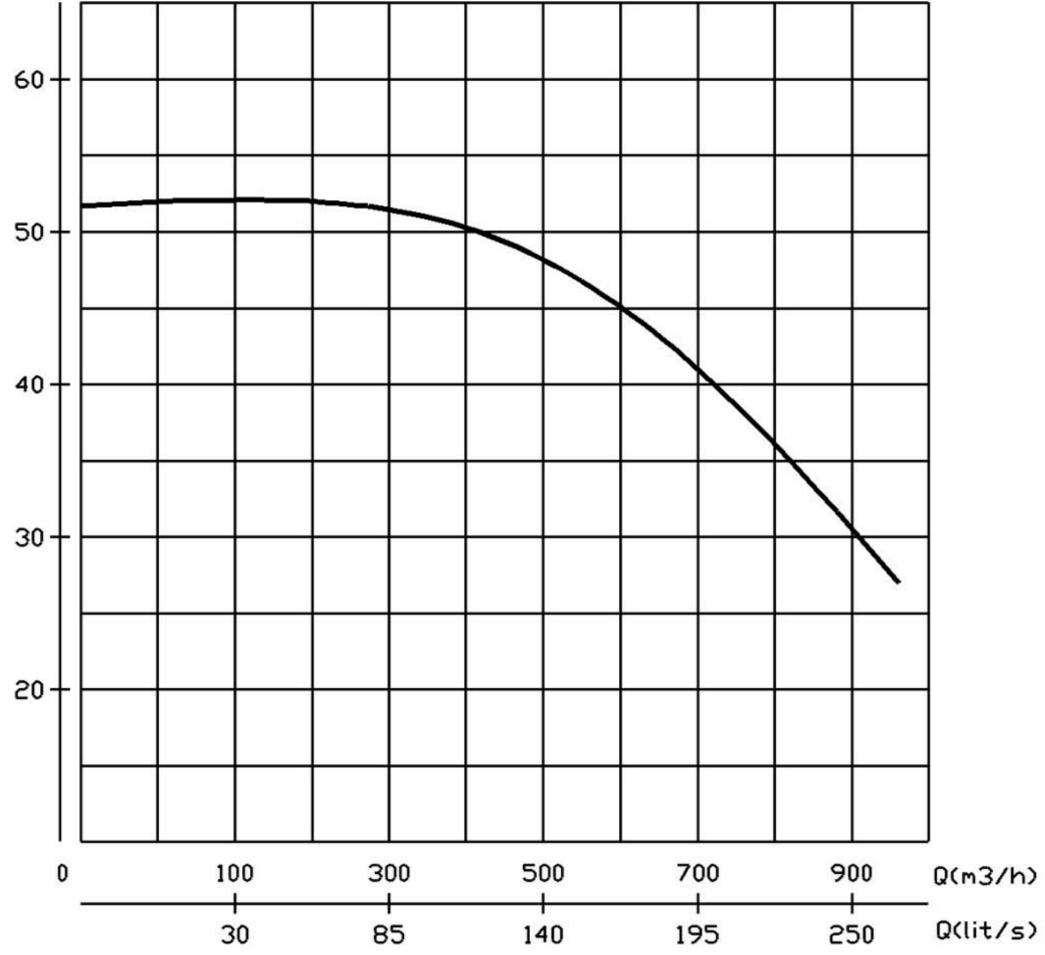
>> Product		» Cable		>> Rating		
Centerage high performance submersible electric pump is ideal to handle water and other liquid		Direct on line	2 (4 x25)	3~ Rated output Speed of rotation		90 kw 1450 rpm
polluted with high concentration		» Monitori	ing equipment	speca orrotation		riseiph
deep excavation where very high here ded such as open-pit mines, t		Thermal & humic	dity contacts			
>> Denomination		>> Material			Rated	Starting
Product code Discharge connection	SD 300/380/90 12"	Pump housing	Cast iron	Voltage V	current A	current A
Discharge connection	12	Impeller Stator housing Shaft	Wear resistance steel Cast iron Stainless steel 420	380/660	180	360
Process data		O-ring	Viton Rubber			
Liquid temperature	Max +40°C					
Depth of immersion	Max 20m	>> Mechani	ical face seals			
The PH of the liquid	PH 5-8					
		Upper Lower	Silicon carbide/carbon Tungsten carbide /silicon carbide			
» Motor data						
Squirrel cage 3-phase induction m	otor	>> Option				
Frequency	50HZ					
Insulation class	H (+180°C)	Explosion-proof	approved variants			
Ingress of protection	IP68					
Voltage variation	Mary 1 50/					
-continuously running -intermittent running	Max ±5% Max ±10%	>> Accesso	ories			
Internittentrunning	Max ± 1070		and other mechanical accessories.			
Voltage imbalance between phases	Max 2%	140 MAR BAR AD BAR AND AN AND SHOES IN DELAKEN.	ries such as controller, control panels,			
		starter, monitorin				





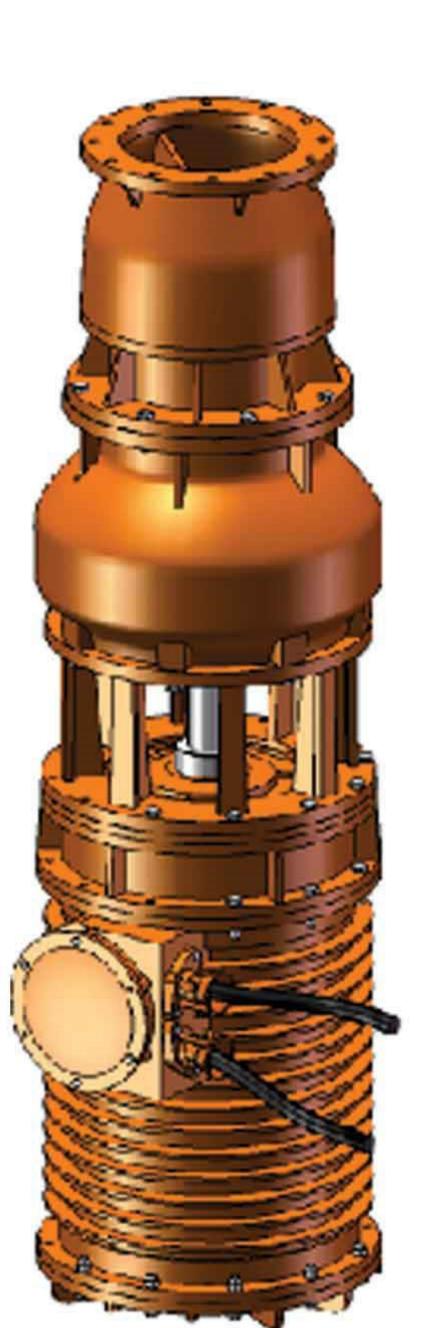
>> Submersible Electric Pumps SD 300/395/110 (50HZ)

H(m)



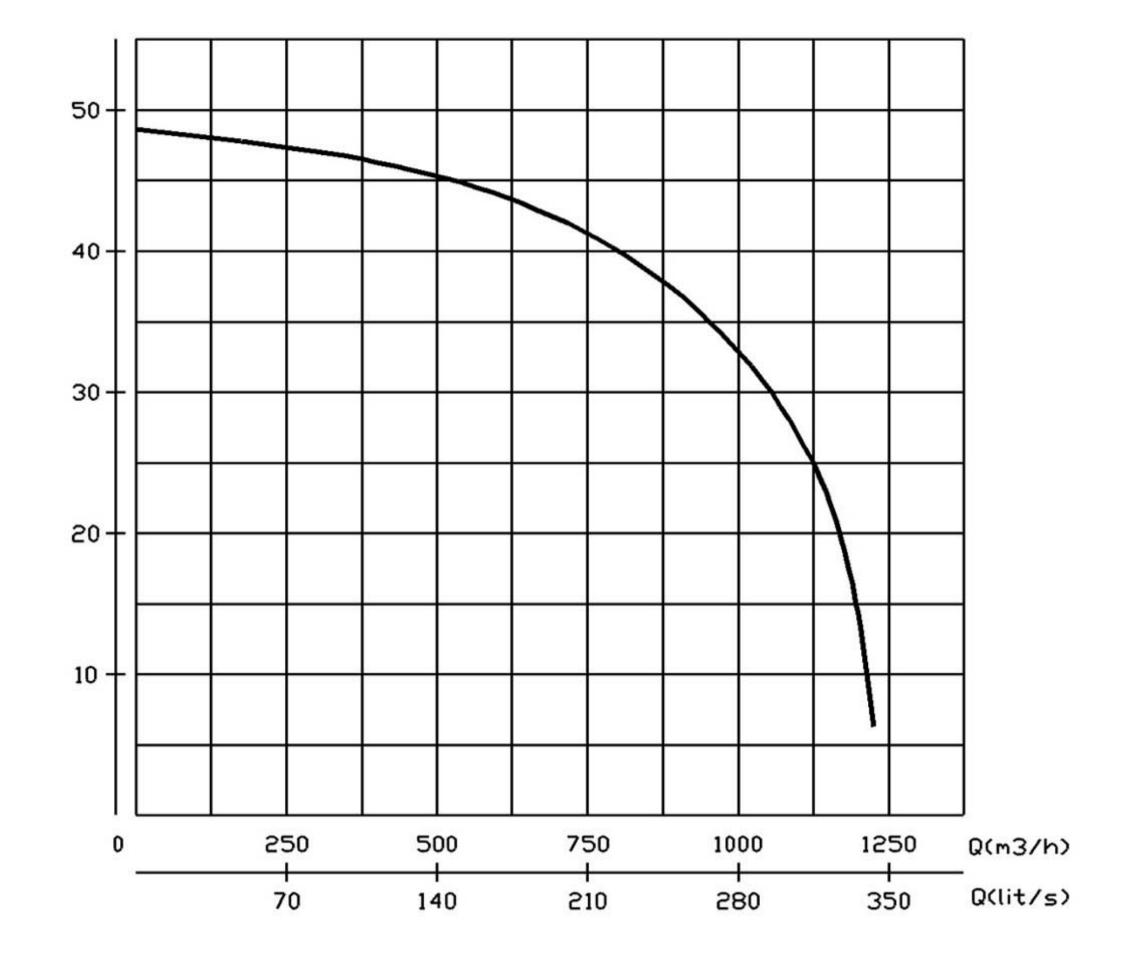
Product		>> Cable		» Rating	3	
Centerage high performance submersible electric pump is ideal to handle water and other liquid polluted with high concentration of clay, sand,. deep excavation where very high head pumping is		Direct on line 2 (4 x25) >> Monitoring equipment Thermal & humidity contacts		3~ Rated output Speed of rota	110 kw 1450 rpm	
needed such as open-pit mines, to Denomination	unneis.	» Material			Rated	Starting
Product code	SD 300/395/110	Pump housing	Cast iron	Voltag V		Starting current A
Discharge connection	12″	Impeller Stator housing Shaft	Wear resistance steel Cast iron Stainless steel 420	380/66	0 220	440
Process data		O-ring	Viton Rubber			
Liquid temperature Depth of immersion The PH of the liquid	Max +40°C Max 20m PH 5-8	>> Mechanical	face seals			
		Upper Lower Tung	Silicon carbide/carbon gsten carbide /silicon carbide			
» Motor data						
Squirrel cage 3-phase induction mo	otor	>> Option				
Frequency Insulation class Ingress of protection Voltage variation	50HZ H (+180°C) IP68	Explosion-proof appro	oved variants			
-continuously running -intermittent running	Max ±5% Max ±10%	» Accessories				
Voltage imbalance between phases No. of start/hour	Max 2% Max 15	SACING POPALITY AND AND ADDRESS OF PERACH, PP MEMORY CO	ther mechanical accessories. Ich as controller, control panels, ys, cables.			





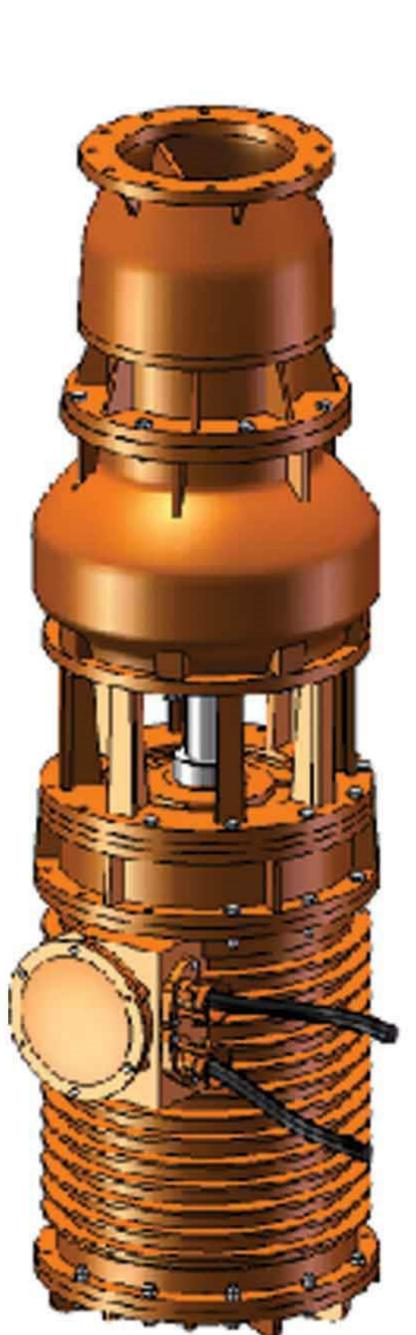
>> Submersible Electric Pumps SD 300/420/132 (50HZ)

H(m)



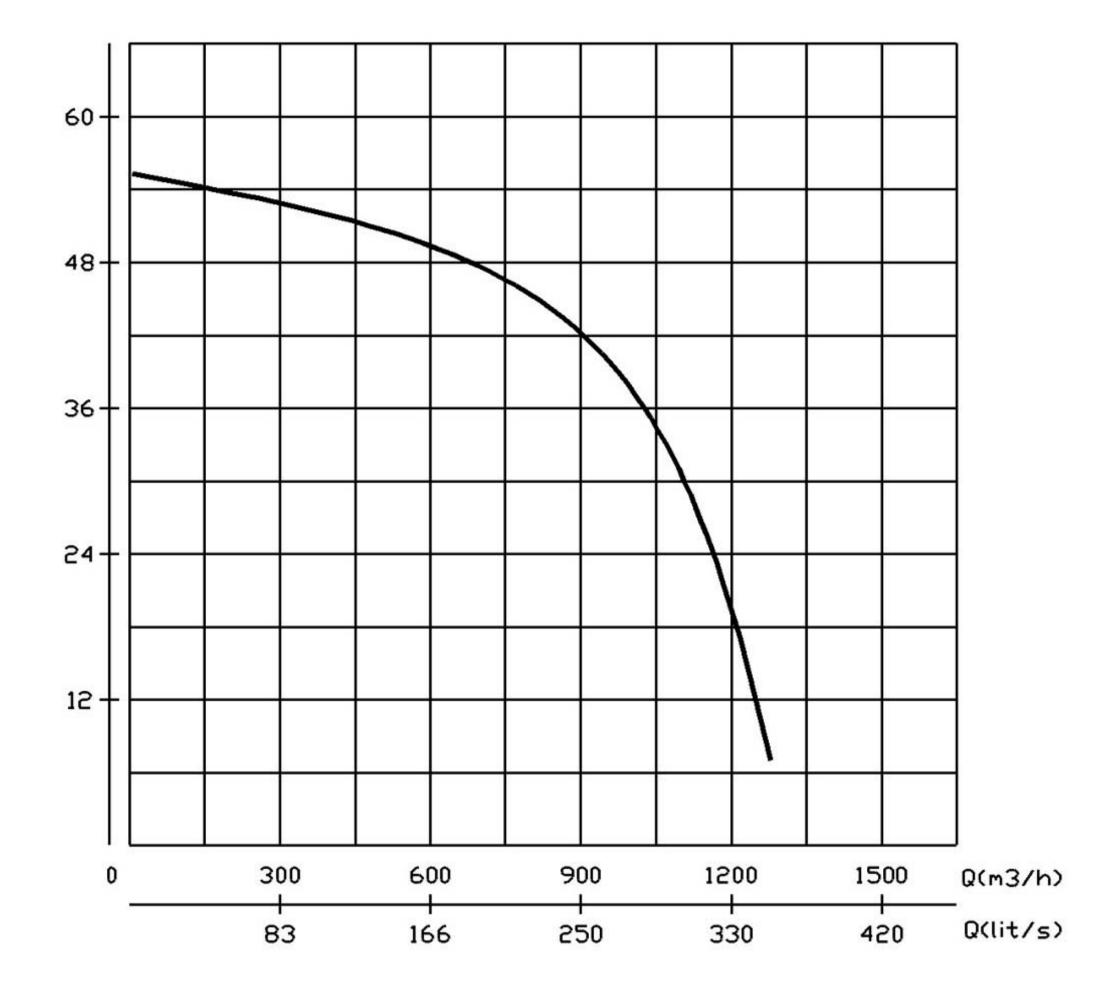
>> Product		» Cable		>> Rating		
Centerage high performance submersible electric pump is ideal to handle water and other liquid polluted with high concentration of clay, sand,. deep excavation where very high head pumping is		Direct on line 2 (4 x25) >> Monitoring equipment		3~ Rated output Speed of rotation	132 kw 1450 rpm	
needed such as open-pit mines, tu		Thermal & humidity	y contacts			
>> Denomination		» Material			Rated	Starting
Product code	SD 300/420/132	Pump housing	Cast iron	Voltage V	current	current
Discharge connection	12″	Impeller Stator housing Shaft	Wear resistance steel Cast iron Stainless steel 420	380/660	260	520
Process data		O-ring	Viton Rubber			
Liquid temperature	Max +40°C					
Depth of immersion The PH of the liquid	Max 20m PH 5-8	» Mechanic	al face seals			
		Upper Lower T	Silicon carbide/carbon ungsten carbide/silicon carbide			
» Motor data						
Squirrel cage 3-phase induction mo	otor	» Option				
Frequency	50HZ	Explosion-proof ap	proved variants			
Insulation class	H (+180°C)		proved variants			
Ingress of protection Voltage variation	IP68					
-continuously running	Max ±5%					
-intermittent running	Max $\pm 10\%$	» Accessor	ies			
Voltage imbalance between phases No. of start/hour	Max 2% Max 15	san ske break en en en ander de sin de sekets i en tam	nd other mechanical accessories. s such as controller, control panels, relavs, cables.			





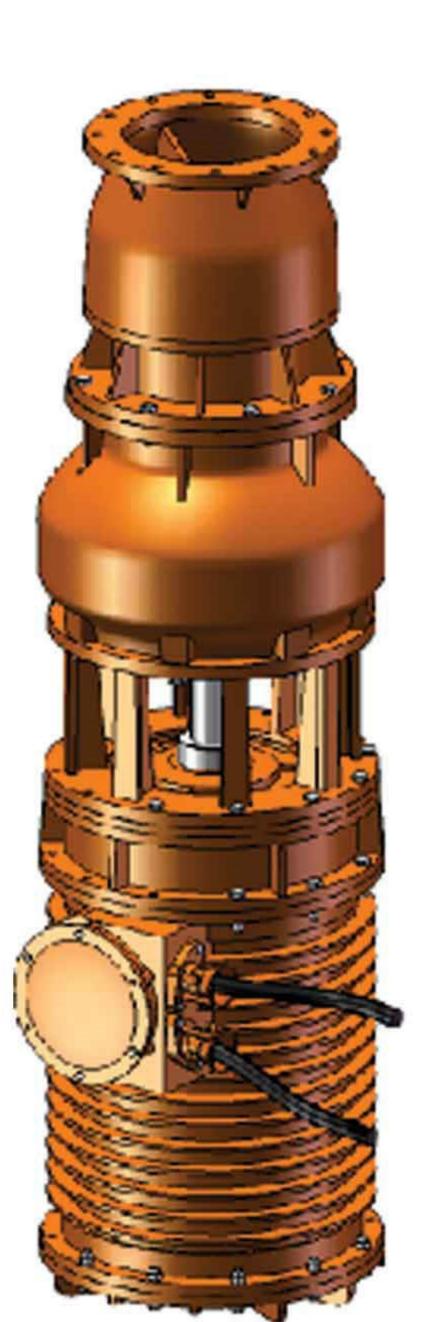
>> Submersible Electric Pumps SD 350/440/180 (50HZ)

H(m)



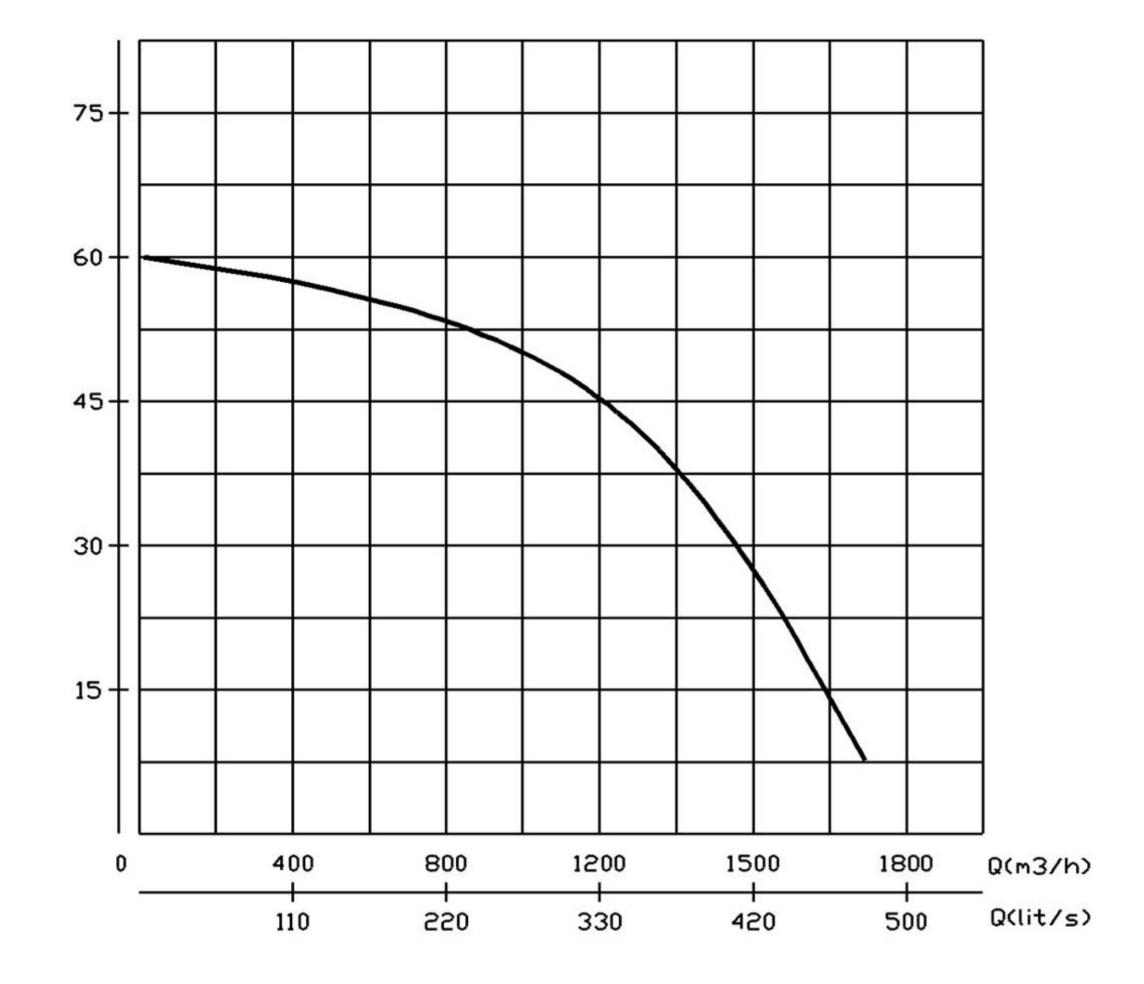
>> Product		» Cable			Rating		
Centerage high performance submersible electric pump is ideal to handle water and other liquid		Direct on line	2 (4 x35)	I	3~ Rated output Speed of rotation	180 kw 1450 rpm	
polluted with high concentration		>> Monitor	ing equipment		speca or rotation		1450 Ipin
deep excavation where very high h needed such as open-pit mines, t	 Control - Control - Con	Thermal & humi					
>> Denomination		» Material				Rated	Starting
Product code Discharge connection	SD 350/440/180 14″	Pump housing	Cast iron		Voltage V	current A	current
Discharge connection	14	Impeller Stator housing Shaft	Wear resistance steel ing Cast iron Stainless steel 420		380/660	360	720
Process data		O-ring	Viton Rubber				
Liquid temperature	Max +40°C						
Depth of immersion	Max 20m	>> Mechan	ical face seals				
The PH of the liquid	PH 5-8						
		Upper Lower	Silicon carbide/car Tungsten carbide /silicon carl				
» Motor data							
Squirrel cage 3-phase induction m	otor	>> Option					
Frequency	50HZ		fapproved veriants				
Insulation class	H (+180°C)	Explosion-proof	f approved variants				
Ingress of protection	IP68						
Voltage variation	Max 1 50/						
-continuously running -intermittent running	Max ±5% Max ±10%	» Access	ories				
		Hose connection	n and other mechanical accessori	ies			
Voltage imbalance between phases	Max 2%	147 NACESCUL AND	pries such as controller, control pa	AACMI SAGADO			
No. of start/hour	Max 15	starter, monitorir	ng relays, cables.				





>> Submersible Electric Pumps SD 350/460/220 (50HZ)

H(m)



Product		» Cable		Rating	
Centerage high performance submersible electric pump is ideal to handle water and other liquid polluted with high concentration of clay, sand,. deep excavation where very high head pumping is needed such as open-pit mines, tunnels.		Direct on line 2 (4 x35) >> Monitoring equipment Thermal & humidity contacts		3~ Rated output Speed of rotation	220 kw 1450 rpm
Denomination		>> Material			Rated Starting
Product code	SD 350/460/220	Pump housing	Cast iron	Voltage c V	A A
Discharge connection	14″	Impeller Stator housing Shaft	Wear resistance steel Cast iron Stainless steel 420	380/660	410 820
Process data		O-ring	Viton Rubber		
Liquid temperature	Max +40°C				
Depth of immersion The PH of the liquid	Max 20m PH 5-8	» Mechanical fa	ace seals		
		Upper Lower Tungst	Silicon carbide/carbon en carbide /silicon carbide		
Motor data					
Squirrel cage 3-phase induction m	otor	>> Option			
Frequency	50HZ	Explosion-proof approve	d variante		
Insulation class	H (+180°C)				
Ingress of protection	IP68				
Voltage variation -continuously running	Max ±5%				
	Max 1070	>> Accessories			
-intermittent running	Max ±10%	Accessories			
, .		Hose connection and othe	er mechanical accessories. as controller, control panels,		



Centerage high performance submersible electric pump is ideal to handle water and other liquid polluted with high concentration of clay, sand,. deep excavation where very high head pumping is needed such as open-pit mines, tunnels.

Denomination

Product

Product code SD 600/580/250 Discharge connection 24"

Process data

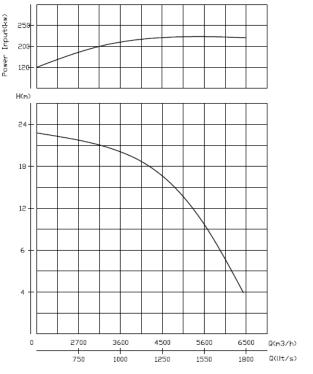
Liquid temperature	Max +40°C
Depth of immersion	Max 20m
The PH of the liquid	PH5-8
-	

Motor data

Squirrel cage 3-phase induction motor					
Frequency	50HZ				
Insulation class	H (+180°C)				
Ingress of protection	IP68				
Voltage variation					
-continuously running	Max ±5%				
-intermittent running	Max ±10%				
X7 1 . 1 1 1					

Voltage imbalance between phases max 2% No. of start/hour max 15

Submersible Electric Pumps SD 600/580/250 (50HZ)



Rating

Voltage

V

380/660

2 (4*35)

3~	
Rated output	250 kw
Speed of rotation	1450 rp

Rated

current

А

480

pm

Starting

current

А

960

Cast iron GG25 Wear resistance steel Cast iron GG25 Stainless steel 420 Viton rubber

Mechanical face seals

Monitoring equipment

Thermal & humidity contacts

Upper Silicon carbide/carbon Tungsten carbide /silicon carbide Lower

Options

Cable

Direct on line

Material

Impeller

Shaft

O-ring

Pump housing

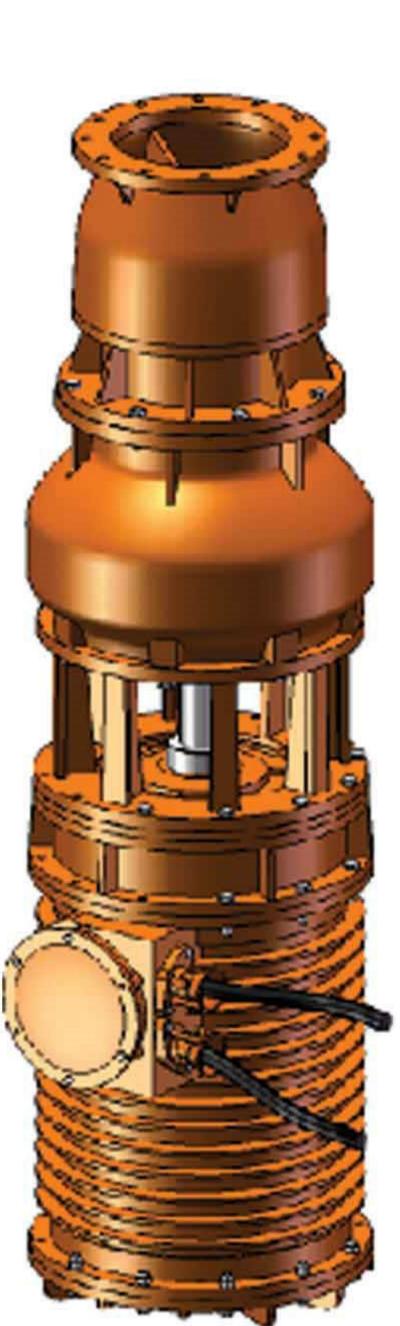
Stator housing

Explosion-proof approved variants

Accessories

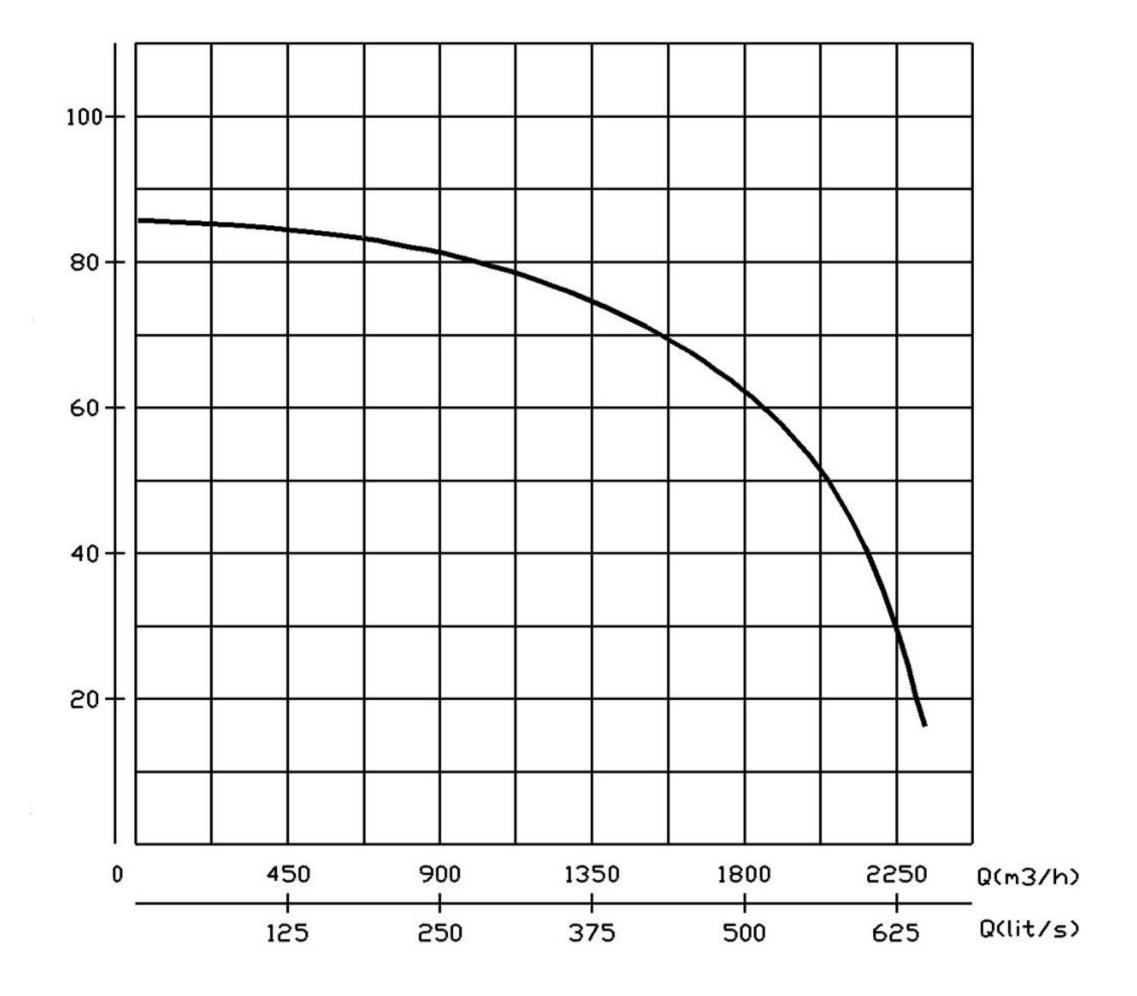
Hose connection and other mechanical accessories. Electrical accessories such as controller, control panels, starter, monitoring relays, cables.





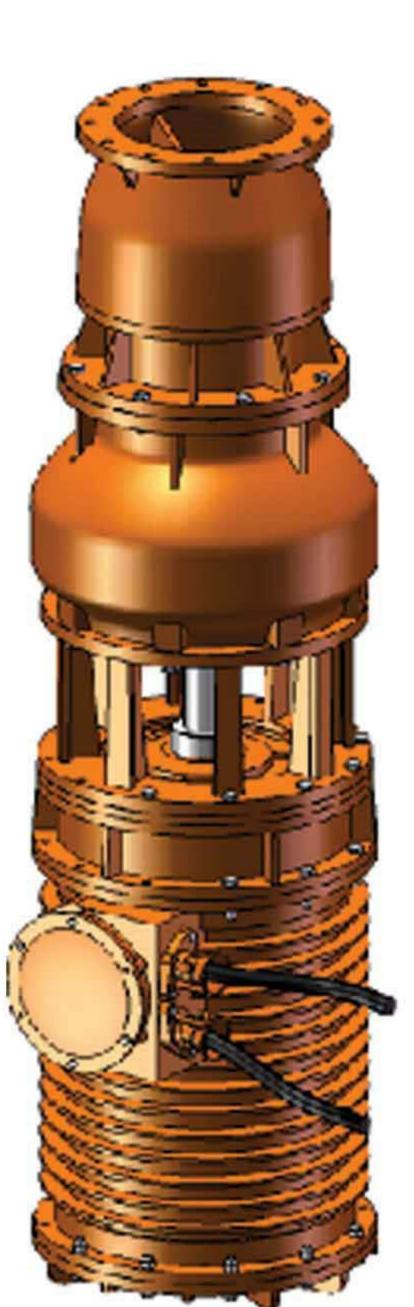
>> Submersible Electric Pumps SD 350/500/300 (50HZ)

H(m)



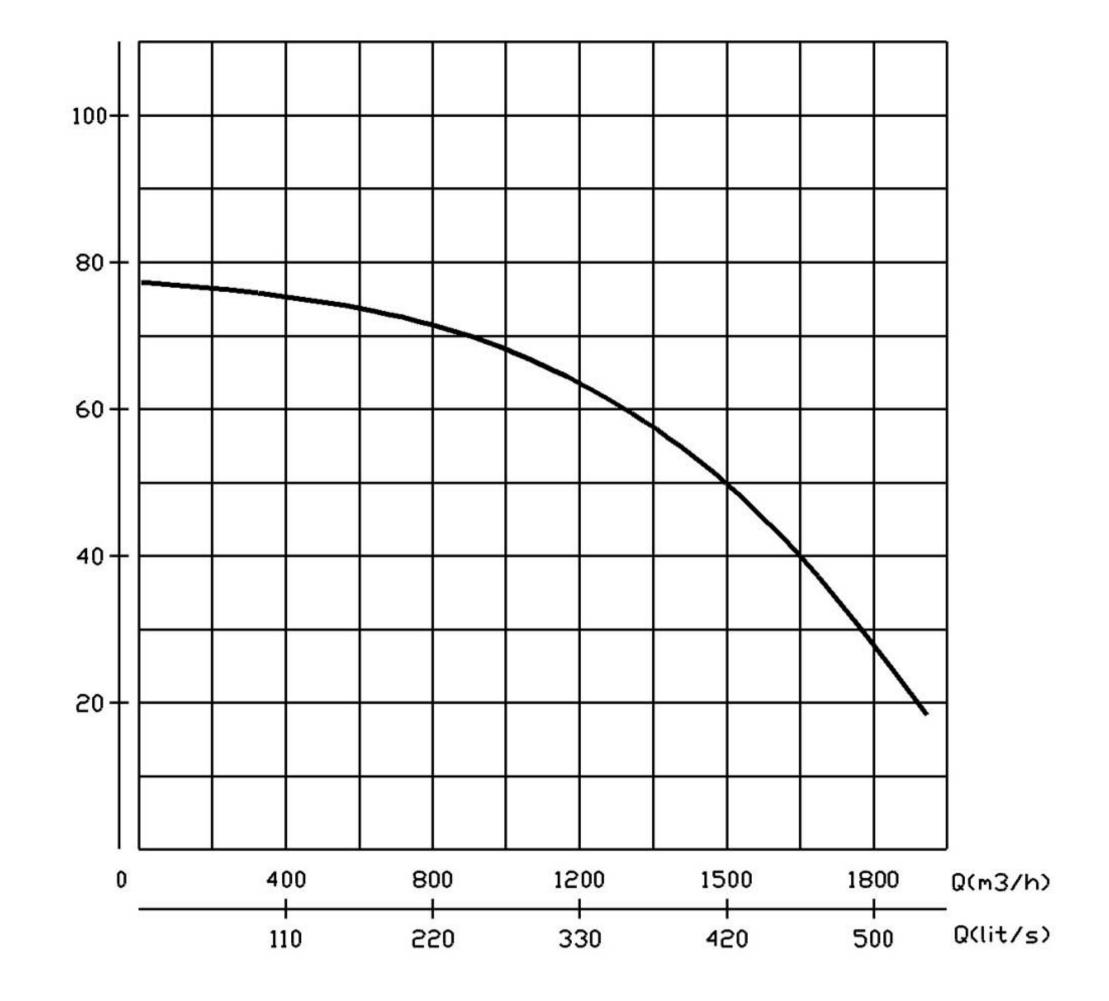
>> Product		» Cable		» Rating		
Centerage high performance submersible electric pump is ideal to handle water and other liquid		Direct on line	2 (4 x35)	3~ Rated output Speed of rotation		300 kw 1450 rpm
polluted with high concentration	50 B	>> Monitoring	equipment	speca orrotation		risoipin
deep excavation where very high he needed such as open-pit mines, to	 The found of the first field of the first field of the fi	Thermal & humidity				
>> Denomination		» Material			Rated	Starting
Product code Discharge connection	SD 350/500/300 14″	Pump housing	Cast iron	Voltage V	current A	current
Discharge connection	14	Impeller Stator housing Shaft	Wear resistance steel Cast iron Stainless steel 420	380/660	50	1100
Process data		O-ring	Viton Rubber			
Liquid temperature	Max +40°C					
Depth of immersion	Max 20m	» Mechanica	I face seals			
The PH of the liquid	PH 5-8			_		
		Upper Lower Tui	Silicon carbide/carbon ngsten carbide /silicon carbide			
» Motor data						
Squirrel cage 3-phase induction mo	otor	>> Option				
Frequency	50HZ			-		
Insulation class	H (+180°C)	Explosion-proof app	roved variants			
Ingress of protection	IP68					
Voltage variation						
-continuously running	Max ±5%	» Accessorie	26			
-intermittent running	Max ±10%			_		
		Hose connection and	other mechanical accessories.			
Voltage imbalance between phases	Max 2%	Electrical accorriant	such as controller, control panels,			





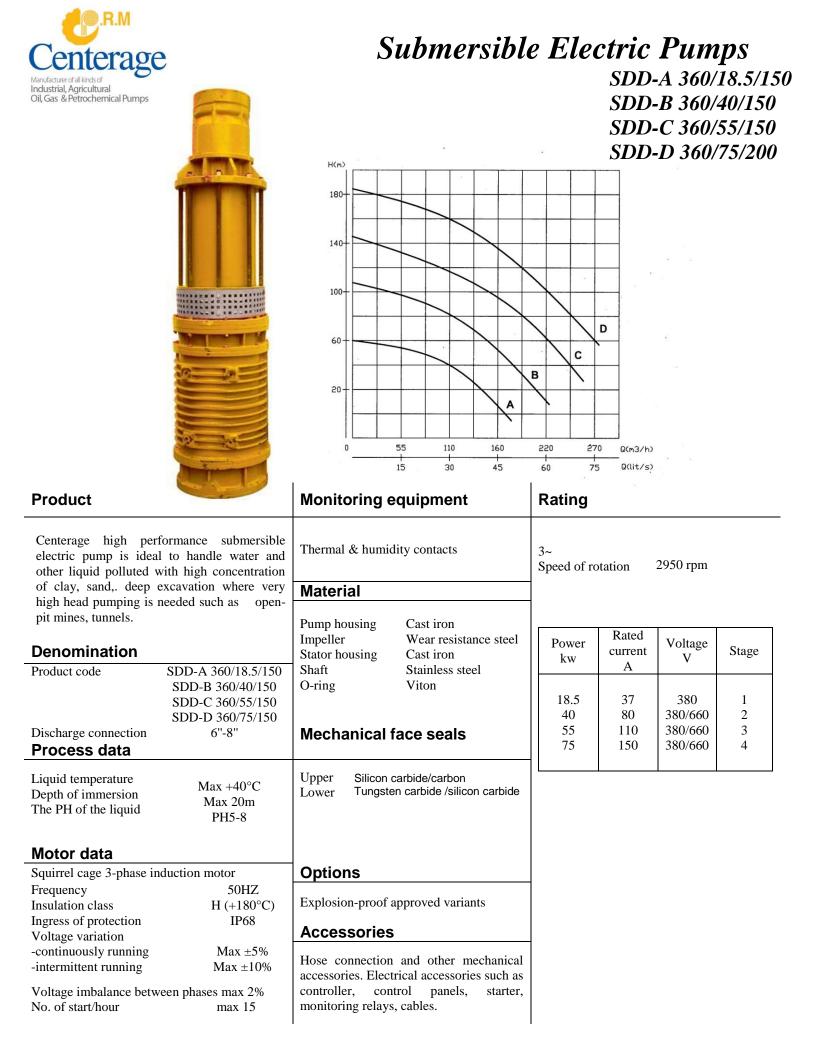
>> Submersible Electric Pumps SD 350/480/250 (50HZ)





Product		» Cable			>>	Rating		
Centerage high performance submersible electric pump is ideal to handle water and other liquid polluted with high concentration of clay, sand,. deep excavation where very high head pumping is		Direct on line 2 (4 x35) >> Monitoring equipment Thermal & humidity contacts			3~ Rated output Speed of rotation			250 kw 1450 rpm
needed such as open-pit mines, t	unnels.							
>> Denomination		» Material				1	Rated	Starting
Product code Discharge connection	SD 350/480/250 14″	Pump housing		ast iron		Voltage V	current A	current A
Discharge connection	14	Impeller Stator housing Shaft	C	/ear resistance steel ast iron tainless steel 420		380/660	480	960
Process data		O-ring	V	iton Rubber				
Liquid temperature	Max +40°C							
Depth of immersion	Max 20m	» Mechanic	cal face s	seals				
The PH of the liquid	PH 5-8	Upper Lower		con carbide/carbon bide /silicon carbide				
» Motor data								
Squirrel cage 3-phase induction m	otor	>> Option						
Frequency	50HZ							
Insulation class	H (+180°C)	Explosion-proof a	approved varia	INTS				
Ingress of protection	IP68							
Voltage variation	Max 1 E0/							
-continuously running -intermittent running	Max ±5% Max ±10%	» Accesso	ories					
		Start Skiel Brite Albert Street Brite Albert Street Brite Street Bri		nanical accessories.				
Voltage imbalance between phases		Electrical accessories starter, monitoring		troller, control panels,				
No. of start/hour	Max 15		greays, cables.					

oper	Silicon carbide/carbor
ower	Tungsten carbide /silicon carbide



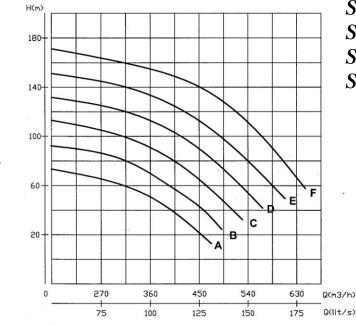
<image/> <text></text>	Submersible Electric Pumps SDD-A 360/55/ SDD-B 400/75/ SDD-C 400/90/ SDD-D 400/125 SDD-E 420/150				
Centerage high performance submersible electric pump is ideal to handle water and other liquid polluted with high concentration of clay, sand,. deep excavation where very high head pumping is needed such as open-pit mines, tunnels.	Thermal & humidity contacts Material Pump housing Cast iron Impeller Wear resistance steel	3~ Speed of rotation 2950 rpm			
Product code SDD-A 360/55/200 SDD-B 400/75/200 SDD-C 400/90/200 SDD-D 400/125/200 SDD-E 420/150/250 Discharge connection 8"-10" Process data	Stator housingCast ironShaftStainless steel 420O-ringViton	kw current V stage 55 110 380/660 2 75 140 380/660 2 90 180 380/660 3 125 250 380/660 4 150 290 380/660 4			
Liquid temperature Depth of immersion The PH of the liquid Max +40°C Max 20m PH5-8	Upper Silicon carbide/carbon Lower Tungsten carbide /silicon carbide				
$\begin{tabular}{lllllllllllllllllllllllllllllllllll$	Options Explosion-proof approved variants Accessories Hose connection and other mechanical accessories. Electrical accessories such as controller, control panels, starter, monitoring relays, cables.				



Submersible Electric Pumps

Rating

SDD-A 400/90/250 SDD-B 400/110/250 SDD-C 420/150/250 SDD-D 400/200/250 SDD-E 400/220/250 SDD-F 420/280/300



Product

		_		-			
1 1	l to handle water and luted with high clay, sand, deep	Material		3~ Speed of ro	otation	2950 rpm	
is needed such as op							
is needed such as op	en-pit innes, tunneis.	Pump housing	Cast iron		Rated		
Denomination		Impeller Stator housing	Wear resistance steel Cast iron	Power	current	Voltage	Stage
Product code	SDD-A 400/90/250	Shaft	Stainless steel	kw	A	V	~81
1 Toduct code	SDD-B 400/110/250	O-ring	Viton	90	180	380/660	1
	SDD-C 420/150/250	- 0		110	220	380/660	2
	SDD-D 400/200/250			150	280	380/660	2
	SDD-E 400/220/250			200	350	380/660	3
	SDD-F 420/280/300	Mechanical f	ace seals	220	420	380/660	4
Discharge connection	10"-12"			280	480	380/660	4
Process data							
Liquid temperature Depth of immersion The PH of the liquid	Max +40°C Max 20m PH5-8	11	arbide/carbon n carbide /silicon carbide				
Motor data							
Squirrel cage 3-phase in	nduction motor	Options					
Frequency	50HZ	•					
Insulation class	H (+180°C)	Explosion-proof a	pproved variants				
Ingress of protection	IP68	Accessories					
Voltage variation		Accessories					
-continuously running -intermittent running	Max ±5% Max ±10%		and other mechanical rical accessories such as				
Voltage imbalance between phases max 2%		controller, con	trol panels, starter,				

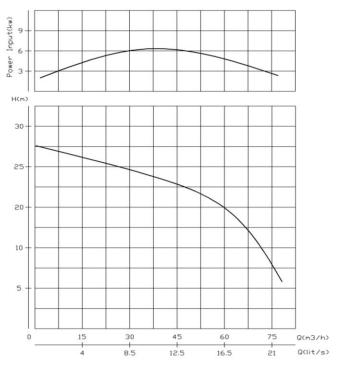
monitoring relays, cables.

Monitoring equipment

Voltage imbalance between phases max 2% No. of start/hour max 15



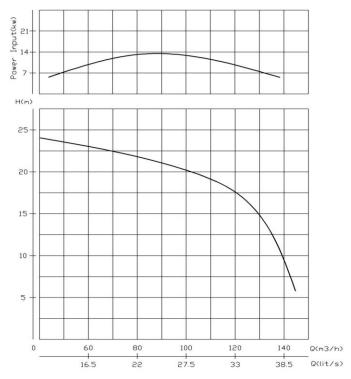
Submersible Electric Pumps SD 170/7.5/100 (50HZ)



Product		Cable			Rating		
Centerage high performelectric pump is ideal to other liquid pollut concentration of cla excavation where very his needed such as	o handle water and ted with high ay, sand, deep	Direct on lin Monitori Thermal & I Material	ng eq	4*4 uipment y contacts	3~ Rated outpu Speed of rot		7.5 kw 2950 rpm
tunnels. Denomination		Pump housi Impeller Stator housi	•	Cast iron GG25 Wear resistance steel Cast iron GG25	Voltage V	Rated current A	Starting current A
Product code Discharge connection	SD 170/7.5/100 4 "	Shaft O-ring		Stainless steel 420 Viton Rubber	380	15	60
Process data		Mechani	cal fa	ce seals			
Liquid temperature Depth of immersion The PH of the liquid	Max +40°C Max 20m PH5-8	Upper Silicon carbide/carbon Lower Tungsten carbide /silicon carbide					
Motor data							
Squirrel cage 3-phase ind	luction motor	Options					
Frequency Insulation class	50HZ H (+180°C)	Explosion-p	proof apj	proved variants			
Ingress of protection Voltage variation	IP68	Accesso	ories				
-continuously running -intermittent running	Max ±5% Max ±10%			and other mechanical cal accessories such as	-		
Voltage imbalance betwe No. of start/hour	en phases max 2% max 15	controller, monitoring	contro	ol panels, starter,			



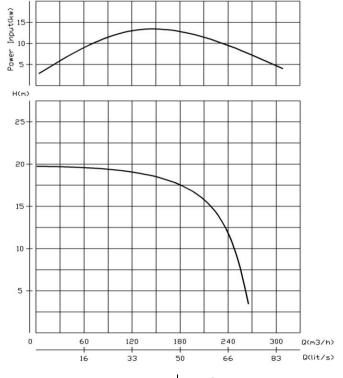
Submersible Electric Pumps SD 190/11~15/200 (50HZ)



Product	Cable		Rating		
Centerage high performance submersible	Direct on line	4*10			
electric pump is ideal to handle water and		auipment	3~ Rated outpu	· 1	1~15 kw
other liquid polluted with high	Thermal & humid	Thermal & humidity contacts			1~13 KW
concentration of clay, sand, deep		•			.950 ipin
excavation where very high head pumping is needed such as open-pit mines			-		
is needed such as open-pit mines tunnels.	, Pump housing	Cast iron GG25		Det. 1	Ct.
	Impeller	Wear resistance steel	Voltage	Rated	Starting
Denomination	Stator housing	Cast iron GG25	V	current A	current A
	Shaft	Stainless steel 420		17	
Product code SD 190/11~15/200	O-ring	Viton Rubber	380	22~30	80~120
Discharge connection 8 "					
	Mechanical f	aco soals			
Process data	Mechanicari		-		
	Upper Silicor	a carbide/carbon			
Liquid temperature $Max + 40^{\circ}C$	Lower Tungs	ten carbide /silicon carbide			
Depth of immersionMax 20mThe PH of the liquidPH5-8					
The FH of the liquid FH3-8					
Motor data					
Squirrel cage 3-phase induction motor	Options				
Frequency 50HZ					
Insulation class H (+180°C)	Explosion-proof a	approved variants			
Ingress of protection IP68	Accessories				
Voltage variation	Accessories		-		
-continuously running Max $\pm 5\%$	Hose connection	and other mechanical			
-intermittent running Max ±10%		rical accessories such as			
Voltage imbalance between phases max 2%		trol panels, starter,			
	monitoring relays	•	1		



Submersible Electric Pumps SD 200/15/150 (50HZ)

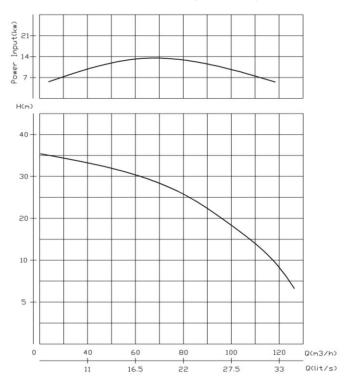


		16 33	50 00	00	
Product	Cable		Rating		
Centerage high performance submersible	Direct on line	4*10			
electric pump is ideal to handle water and	Monitoring ed	quipment	3~ Rated outpu	t 1	5 kw
other liquid polluted with high concentration of clay, sand, deep	Thermal & humidi		Speed of rot		950 rpm
excavation where very high head pumping	Material		1		
is needed such as open-pit mines, tunnels.	Pump housing	Cast iron GG25	Voltage	Rated	Starting
Denomination	Impeller Stator housing	Wear resistance steel Cast iron GG25	Voltage	current	current
	Shaft	Stainless steel 420		A	A
Product code SD 200/15/150	O-ring	Viton Rubber	380	30	120
Discharge connection 6 "					
Process data	Mechanical fa	ace seals			
Liquid temperatureMax +40°CDepth of immersionMax 20mThe PH of the liquidPH5-8	Upper Silicon Lower Tungste				
Motor data					
Squirrel cage 3-phase induction motor	Options				
Frequency50HZInsulation classH (+180°C)	Explosion-proof ap	oproved variants			
Ingress of protection IP68 Voltage variation	Accessories				
-continuously runningMax ±5%-intermittent runningMax ±10%		and other mechanical ical accessories such as			
Voltage imbalance between phases max 2%	controller, contr	rol panels, starter,			
No. of start/hour max 15	monitoring relays,	cables.			





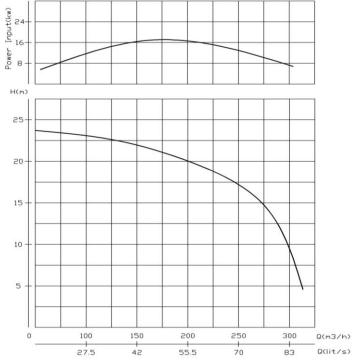
Submersible Electric Pumps SD 200/15/150/1(50HZ)



Product		Cable		Rating		
Centerage high performance submersible electric pump is ideal to handle water and		Direct on line Monitoring e	4*10 quipment	3~ Rated outpu	t 1	5 kw
other liquid pollut concentration of cla excavation where very h	y, sand, deep high head pumping	Thermal & humid Material	ity contacts	Speed of rot		2950 rpm
is needed such as tunnels.	open-pit mines,	Pump housing Impeller	Cast iron GG25 Wear resistance steel	Voltage	Rated current	Starting current
Denomination		Stator housing	Cast iron GG25	V	A	A
Product code Discharge connection	SD 200/15/150 6 "	Shaft O-ring	Stainless steel 420 Viton Rubber	380	30	120
Process data		Mechanical f	ace seals			
Liquid temperature Depth of immersion The PH of the liquid	Max +40°C Max 20m PH5-8		carbide/carbon en carbide /silicon carbide			
Motor data						
Squirrel cage 3-phase ind	uction motor	Options				
Frequency Insulation class	50HZ H (+180°C)	Explosion-proof a	pproved variants			
Ingress of protection Voltage variation	IP68	Accessories				
-continuously running -intermittent running	Max ±5% Max ±10%		and other mechanical rical accessories such as			
Voltage imbalance between phases max 2%		controller, cont monitoring relays,	trol panels, starter,			



Submersible Electric Pumps SD 330/18.5/200(50HZ)

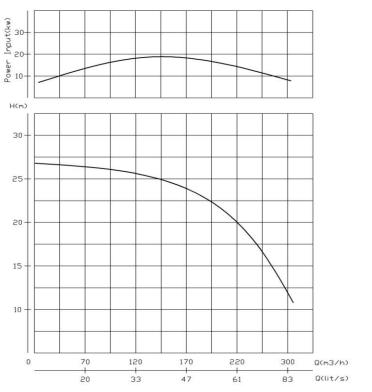


Produci	∣ Cable	Rating
Centerage high performance submersible	Direct on line 4*10	
electric pump is ideal to handle water and	Monitoring equipment	3~ Rated output 18.5 kw
other liquid polluted with high concentration of clay, sand, deep	Thermal & humidity contacts	Speed of rotation 1450 rpm
excavation where very high head pumping	Material	_
is needed such as open-pit mines, tunnels.	Pump housing Cast iron GG25	
	Impeller Wear resistance steel	Voltage Rated Starting voltage current current
Denomination	Stator housing Cast iron GG25	V A A
Product code SD 330/18.5/200	ShaftStainless steel 420O-ringViton Rubber	380/660 36 72
Discharge connection 8 "		300/000 30 72
Dresses data	Mechanical face seals	
Process data		-
Liquid temperature Max +40°C	Upper Silicon carbide/carbon	
Depth of immersion Max 20m	Lower Tungsten carbide /silicon carbide	
The PH of the liquid PH5-8		
Motor data		
Squirrel cage 3-phase induction motor	Options	
Frequency 50HZ		
Insulation class $H(+180^{\circ}C)$	Explosion-proof approved variants	
Ingress of protection IP68	Accessories	
Voltage variation	Accessories	4
-continuously running Max ±5%	Hose connection and other mechanical	
-intermittent running Max ±10%	accessories. Electrical accessories such as	
Voltage imbalance between phases max 2%	controller, control panels, starter,	
No. of start/hour max 15	monitoring relays, cables.	





Submersible Electric Pumps SD 330/22/150(50HZ)



Cable Product Rating Direct on line 4*10 Centerage high performance submersible 3~ electric pump is ideal to handle water and Monitoring equipment 22 kw Rated output other liquid polluted with high Thermal & humidity contacts 1450 rpm Speed of rotation concentration of clay, sand,. deep Material excavation where very high head pumping is needed such as open-pit mines, Pump housing Cast iron GG25 tunnels. Rated Starting Voltage Impeller Wear resistance steel current current Denomination V Stator housing Cast iron GG25 А А Shaft Stainless steel 420 Product code SD 330/22/150 O-ring Viton Rubber 380 40 120 Discharge connection 6 " Mechanical face seals **Process data** Upper Silicon carbide/carbon Max $+40^{\circ}C$ Liquid temperature Tungsten carbide /silicon carbide Lower Depth of immersion Max 20m The PH of the liquid PH5-8 Motor data Squirrel cage 3-phase induction motor Options Frequency 50HZ Explosion-proof approved variants Insulation class H (+180°C) Ingress of protection IP68 Accessories Voltage variation -continuously running Max $\pm 5\%$ Hose connection and other mechanical -intermittent running Max ±10% accessories. Electrical accessories such as controller, panels, Voltage imbalance between phases max 2% control starter. No. of start/hour max 15 monitoring relays, cables.



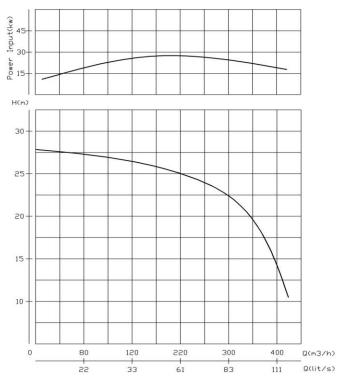
Submersible Electric Pumps SD 150/280-1/110 (50HZ)

			(*))150 H(n) 125 100 75 50 25 0 215 60			430	<u> </u>	(n3/h) (lit/s)
Product		∣ Cable			Ratin	g		
Centerage high perform	nance submersible	Direct on line	,	2 (4*25)				
electric pump is ideal to	b handle water and	Monitoring eq	uipment		3~		1	110 kw
other liquid pollut	-	Thermal & humidit			Rated o Speed o			2950 rpm
concentration of cla excavation where very h		Material	5		Speed o	11000	lion	ľ
is needed such as	open-pit mines,				-			
tunnels.		Pump housing	Cast iron		Volta	σe	Rated	Starting
Denomination		Impeller Stator housing	Wear resista Cast iron	ince steel	Volta	.50	current	current
		Shaft	Stainless ste	el 420			Α	A
	SD 150/280-1/110	O-ring	Viton Rubbe	er	380/6	60	220	440
Discharge connection	6" – 8"							
Process data		Mechanical fa	ce seals					
rivess udia					1			
Liquid temperature	Max +40°C		carbide/carbon n carbide /silico	n carhida				
Depth of immersion	Max 20m	Lower rungste						
The PH of the liquid	PH5-8							
Matan Jata								
Motor data	nation mator	Ontiona						
Squirrel cage 3-phase ind Frequency	50HZ	Options			-			
Insulation class	H (+180°C)	Explosion-proof ap	proved variant	S				
Ingress of protection	IP68	Accessories						
Voltage variation	Moy + 504	Accessories			1			
-continuously running -intermittent running	Max ±5% Max ±10%	Hose connection						
_		accessories. Electri controller, contr		s such as starter,				
Voltage imbalance betwee No. of start/hour	max 15	monitoring relays, o	1	statter,				





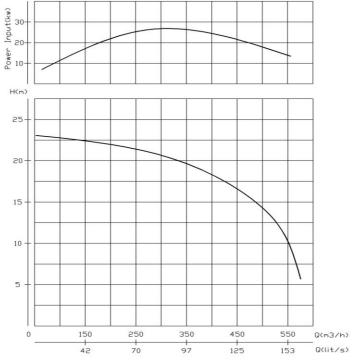
Submersible Electric Pumps SD 380/30/150(50HZ)



Product	Cable	Rating
Centerage high performance submersible	Direct on line 2(4*10)	3~
electric pump is ideal to handle water and other liquid polluted with high	Monitoring equipment	Rated output 30 kw
concentration of clay, sand, deep	Thermal & humidity contacts	Speed of rotation 1450 rpm
excavation where very high head pumping	Material	
is needed such as open-pit mines, tunnels.	Pump housing Cast iron GG25	Rated Starting
Denomination	ImpellerWear resistance steelStator housingCast iron GG25	Voltage V A A
Product codeSD 380/30/150Discharge connection6 "	ShaftStainless steel 420O-ringViton Rubber	380/660 60 120
Process data	Mechanical face seals	
Liquid temperatureMax +40°CDepth of immersionMax 20mThe PH of the liquidPH5-8	Upper Silicon carbide/carbon Lower Tungsten carbide /silicon carbide	
Motor data		
Squirrel cage 3-phase induction motor	Options	
Frequency50HZInsulation classH (+180°C)	Explosion-proof approved variants	
Ingress of protection IP68 Voltage variation	Accessories	_
-continuously runningMax ±5%-intermittent runningMax ±10%	Hose connection and other mechanical accessories. Electrical accessories such as	
Voltage imbalance between phases max 2% No. of start/hour max 15	controller, control panels, starter, monitoring relays, cables.	



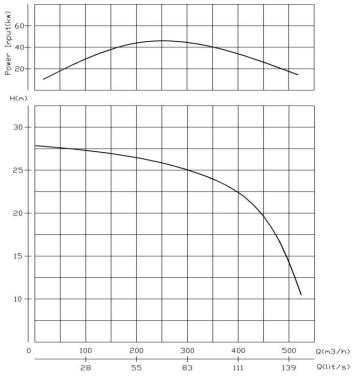
Submersible Electric Pumps SD 300/30/200(50HZ)



Product	Cable	Rating
Centerage high performance submersible	Direct on line 4*10	
electric pump is ideal to handle water and	Monitoring equipment	3~ Rated output 30 kw
other liquid polluted with high concentration of clay, sand, deep	Thermal & humidity contacts	Speed of rotation 1450 rpm
excavation where very high head pumping	Material	_
is needed such as open-pit mines,		
tunnels.	Pump housingCast iron GG25ImpellerWear resistance steel	Voltage Rated Starting voltage current current
Denomination	Stator housing Cast iron GG25	V A A
	Shaft Stainless steel 420	
Product codeSD 300/30/200Discharge connection8 "	O-ring Viton Rubber	380/660 60 120
Process data	Mechanical face seals	
Liquid temperatureMax +40°CDepth of immersionMax 20mThe PH of the liquidPH5-8	Upper Silicon carbide/carbon Lower Tungsten carbide /silicon carbide	
Motor data		
Squirrel cage 3-phase induction motor	Options	
Frequency 50HZ	Explosion-proof approved variants	
Insulation classH (+180°C)Ingress of protectionIP68	Explosion-proof approved variants	
Voltage variation	Accessories	-
-continuously running Max ±5%	Hose connection and other mechanical	
-intermittent running Max ±10%	accessories. Electrical accessories such as	
Voltage imbalance between phases max 2%	controller, control panels, starter,	
No. of start/hour max 15	monitoring relays, cables.	



Submersible Electric Pumps SD 380/55/250(50HZ)



Produci	∣ Cable	Rating
Centerage high performance submersible	Direct on line 2(4*10)	
electric pump is ideal to handle water and	Monitoring equipment	3~ Rated output 55 kw
other liquid polluted with high concentration of clay, sand, deep	Thermal & humidity contacts	Speed of rotation 1450 rpm
excavation where very high head pumping	Material	-
is needed such as open-pit mines,		
tunnels.	Pump housing Cast iron GG25 Impeller Wear resistance stee	Voltage Rated Starting
Denomination	ImpellerWear resistance steeStator housingCast iron GG25	V A A
	Shaft Stainless steel 420	
Product code SD 380/55/250	O-ring Viton Rubber	380/660 100 200
Discharge connection 10 "		
Process data	Mechanical face seals	
		_
Liquid temperature Max +40°C	Upper Silicon carbide/carbon Lower Tungsten carbide /silicon carbid	
Depth of immersion Max 20m		
The PH of the liquid PH5-8		
•• • • •		
Motor data		
Squirrel cage 3-phase induction motor Frequency 50HZ	Options	_
Insulation class H (+180°C)	Explosion-proof approved variants	
Ingress of protection IP68		
Voltage variation	Accessories	_
-continuously runningMax ±5%-intermittent runningMax ±10%	Hose connection and other mechanica	1
č	accessories. Electrical accessories such a	
Voltage imbalance between phases max 2% No. of start/hour max 15	controller, control panels, starter monitoring relays, cables.	·
	monitoring relays, cables.	



No. of start/hour

Submersible Electric Pumps SD 150/280-2/110 (50HZ)

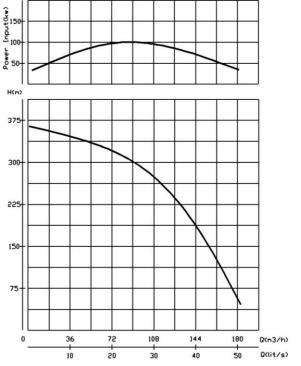
		160 216 270 Q(rn3/h) 45 60 75 D(lit/s)
Product	Cable	Rating
Centerage high performance submersible electric pump is ideal to handle water and other liquid polluted with high concentration of clay, sand,. deep excavation where very high head pumping is needed such as open-pit mines, tunnels.	Direct on line2 (4*25)Monitoring equipmentThermal & humidity contactsMaterialPump housingCast iron	3~ Rated output 110 kw Speed of rotation 2950 rpm
Denomination	ImpellerWear resistance steelStator housingCast iron	Voltage V A A
Product code SD 150/280-2/110 Discharge connection 6" - 8"	ShaftStainless steel 420O-ringViton Rubber	A A 380/660 220 440
Process data	Mechanical face seals	
Liquid temperatureMax +40°CDepth of immersionMax 20mThe PH of the liquidPH5-8	Upper Silicon carbide/carbon Lower Tungsten carbide /silicon carbide	
Motor data		
Squirrel cage 3-phase induction motor Frequency 50HZ	Options	-
Insulation class $H (+180^{\circ}C)$	Explosion-proof approved variants	
Ingress of protection IP68 Voltage variation	Accessories	
-continuously running Max ±5% -intermittent running Max ±10%	Hose connection and other mechanical accessories. Electrical accessories such as	

starter,

Max $\pm 10\%$ accessories. Electrical accessories such as panels, Voltage imbalance between phases max 2% controller, control max 15 monitoring relays, cables.



Submersible Electric Pumps SD 150/280-3/125 (50HZ)



Product	Cable	Rating
Centerage high performance submersible electric pump is ideal to handle water and other liquid polluted with high concentration of clay, sand,. deep excavation where very high head pumping is needed such as open-pit mines,	Direct on line2 (4*25)Monitoring equipmentThermal & humidity contactsMaterial	3~ Rated output 125 kw Speed of rotation 2950 rpm
Is needed such as Open-pit nines, tunnels. Denomination	Pump housing ImpellerCast ironStator housingCast iron	VoltageRatedStartingVcurrentcurrentAA
Product codeSD 150/280-3/125Discharge connection6" - 8"	ShaftStainless steel 420O-ringViton Rubber	380/660 250 500
Process data	Mechanical face seals	
Liquid temperatureMax +40°CDepth of immersionMax 20mThe PH of the liquidPH5-8	Upper Silicon carbide/carbon Lower Tungsten carbide /silicon carbide	
Motor data		
Squirrel cage 3-phase induction motor	Options	-
Frequency50HZInsulation classH (+180°C)Ingress of protectionIP68Voltage variationIP68	Explosion-proof approved variants Accessories	
-continuously runningMax $\pm 5\%$ -intermittent runningMax $\pm 10\%$ Voltage imbalance between phases max 2%No. of start/hourmax 15	Hose connection and other mechanical accessories. Electrical accessories such as controller, control panels, starter, monitoring relays, cables.	