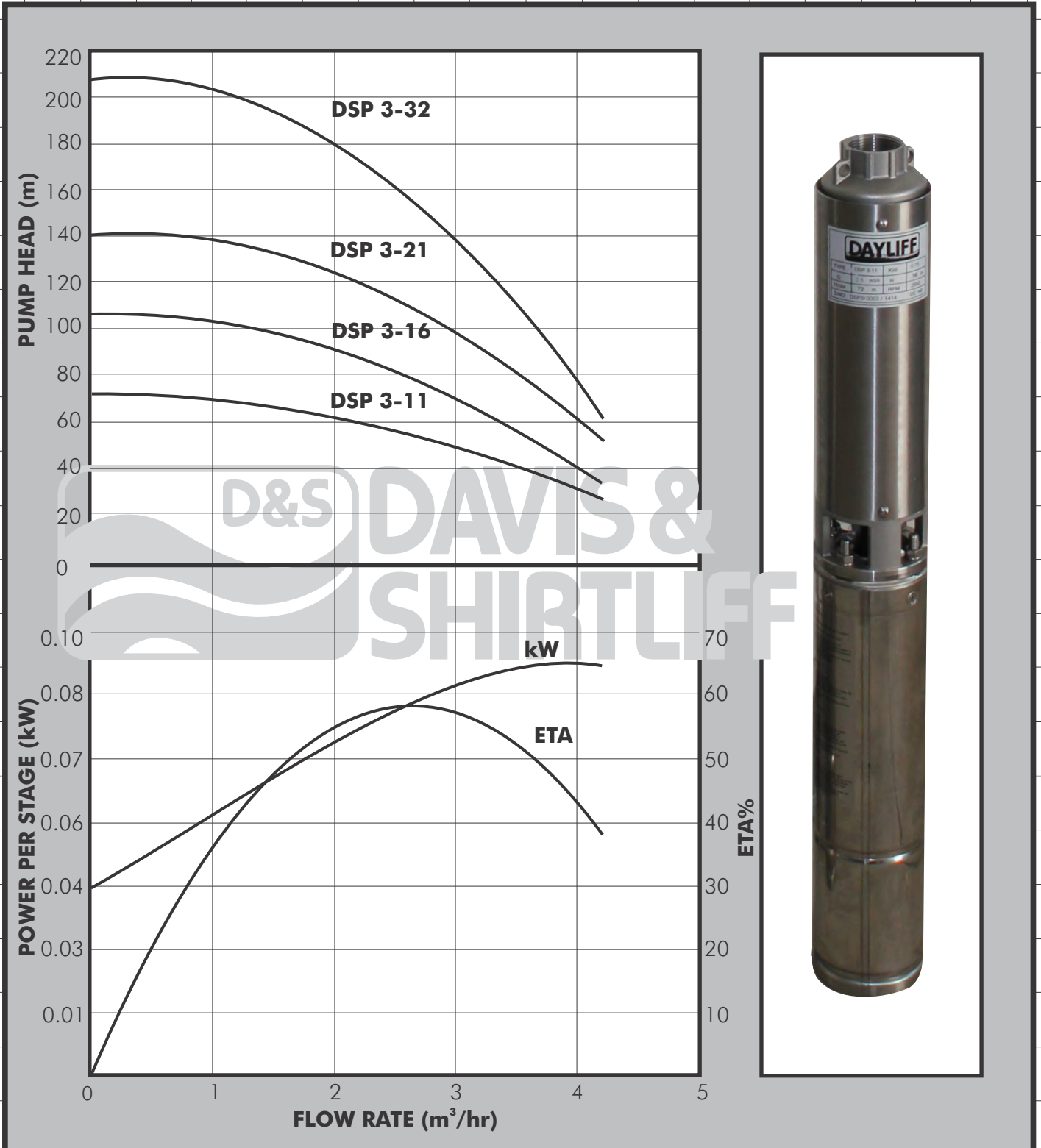




DATA SHEET

Submersible Borehole Pumps

DSP 3



PUMP

The DAYLIFF DSP range of submersible multistage centrifugal pumps are specially designed for borehole supply applications. Material of construction include noryl impellers, glass filled polycarbonate diffusers, stainless steel inlet and outlet chambers, stage casings, shaft and pump housing. These quality materials together with the floating type impeller design provide the pumps with efficient performance ,excellent sand handling capabilities and long life.

MOTOR

The pump is coupled to a two pole sealed motor constructed principally from stainless steel. Single phase motors are supplied with a separate control unit that incorporates an isolator, run indicator light, thermal overload protection and starting capacitor which can be connected directly to the mains power. The box is also provided with auxiliary terminals for control probes, pressure switch or float switch. Three phase motors require a remote DOL starter; a DAYLIFF electronic pump controller is recommended for comprehensive pump control including wireless low level protection, motor overload and voltage fluctuation.

Enclosure Class: IP68

Insulation Class: F

Speed: 2900rpm

OPERATING CONDITIONS

Pumped liquid: Thin, clean, chemically non aggressive liquids with a max. sand content of 50g/m³.

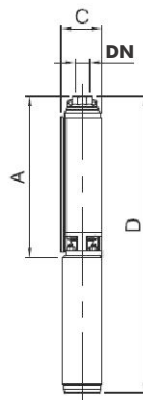
Max. Water temperature: +35°C

Max. immersion depth: 200m

Min. borehole diameter: 110mm

PUMP DATA

Model	Voltage (V)	Power		Current (A)	Istat I	DN (")	Dimensions (mm)			Weight (kg)
		kW	HP				A	C	D	
DSP 3-11	1x240	0.75	1	4.3	4.7	1 1/4	342	98	722	21
	3x415			2.3	3.9				707	20
DSP 3-16	1x240	1.1	1.5	8.1	4.0		430		835	24
	3x415			3.1	3.9				810	22
DSP 3-21	1x240	1.5	2	10.4	3.7		519		959	28
	3x415			4	3.5				924	25
DSP 3-32	1x240	2.2	3	15	3.1	749	1244	35		
	3x415			5.6	3.9		1189	30		



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DY285A-08/14

KENYA
Nairobi - Head Office
Tel: (254 20) 6988000
headoffice@dayliff.com
Nairobi - Westlands
Tel: (254 20) 4446911/6
westlands@dayliff.com
Nairobi - Downtown
Tel: (254) 715 439 392
downtown@dayliff.com
Eastleigh
Tel: (254) 711 079 645
eastleigh@dayliff.com
Uzawa
Tel: (254) 780 575745
uzawa@dayliff.com
Nairobi - Karen
Tel: (254 20) 3835513
karen@dayliff.com
Ongata Rongai
Tel: (254 20) 2409146
ongatarongai@dayliff.com
Kiambu
Tel: (254) 701 646 309
kiambu@dayliff.com

Thika
Tel: (254 67) 2220084
thika@dayliff.com
Kiunga
Tel: (254 45) 3123094
kiunga@dayliff.com
Machakos
Tel: (254 44) 2021668
machakos@dayliff.com
Kisumu
Tel: (254) 701 682 289
kisumu@dayliff.com
Embu
Tel: (254) 780 455 512
embu@dayliff.com
Mera
Tel: (254 64) 3131033
mera@dayliff.com
Nanyuki
Tel: (254 62) 2030018
nanyuki@dayliff.com
Garissa
Tel: (254 40) 2102620
garissa@dayliff.com
Naiwashah
Tel: (254 40) 2030510
naiwashah@dayliff.com

Lodwar
Tel: (254 724) 248692
lodwar@dayliff.com
Eldoret
Tel: (254 53) 2061306
eldoret@dayliff.com
Nakuru
Tel: (254 51) 2213248
nakuru@dayliff.com
Narok
Tel: (254) 701 682 289
narok@dayliff.com
Kakamega
Tel: (254 56) 2031889
kakamega@dayliff.com
Bungoma
Tel: (254) 740 048 514
bungoma@dayliff.com
Kisumu
Tel: (254 62) 2030018
kisumu@dayliff.com
Kisumu
Tel: (254 62) 2030018
kisumu@dayliff.com
Kisumu
Tel: (254 62) 2030018
kisumu@dayliff.com

KENYA COAST
Mombasa - Main Office
Tel: (254 20) 2040432
mombasa@dayliff.com
Mombasa - Downtown
Tel: (254) 780 567 378
mombasadowntown@dayliff.com
Malindi
Tel: (254 42) 2120425
malindi@dayliff.com
Diani
Tel: (254 40) 3202181
diani@dayliff.com
Lamu
Tel: (254 20) 265105256
lamu@dayliff.com
Nyali
Tel: (254 20) 2443357
nyali@dayliff.com
 Voi
Tel: (254 20) 2028284
voi@dayliff.com
Mtwapa
Tel: (254) 798 478 113
mtwapa@dayliff.com

UGANDA
Kampala - Main Office
Tel: (256 414) 3463378
kampala@dayliff.com
Kampala - Nakasero
Tel: (256 392) 734633
nakasero@dayliff.com
Kampala - Shauri Yako
Tel: (256 414) 660 770
shauriyako@dayliff.com
Gulu
Tel: (256 471) 433041
gulu@dayliff.com
Mbarara
Tel: (256 753) 840 680
mbarara@dayliff.com
Jinja
Tel: (256 302) 001556
jinja@dayliff.com
SOUTH SUDAN
Juba
Tel: (211 856) 397 070
juba@dayliff.com

TANZANIA
Dar es Salaam - Main Office
Tel: (255 22) 2125156
darsalasam@dayliff.com
Dar es Salaam - Kariakoo
Tel: 2184887
kariakoo@dayliff.com
Arusha
Tel: (255 27) 2547317/8
arusha@dayliff.com
Zanzibar
Tel: (255 24) 2234660/1
zanzibar@dayliff.com
Mwanza
Tel: (255 28) 2541971/2
dssmwanzas@dayliff.com
Dodoma
Tel: (255) 753 506 503
dodoma@dayliff.com

ZAMBIA
Lusaka - Main Office
Tel: (260 211) 2889101
lusaka@dayliff.com
Lusaka - ChaChaCha
Tel: (260 211) 942350
Ndola
Tel: (260 212) 610936/7
ndola@dayliff.com
Kitwe
Tel: (260 212) 221747/67
kitwe@dayliff.com
Livingstone
Tel: (260 213) 320002/234
livingstone@dayliff.com
Solwezi
Tel: (260 218) 821822
solwezi@dayliff.com

RWANDA
Kigali
Tel: (250) 252 504039
kigali@dayliff.co.rw
Rubavu
Tel: (243) 814 911999
rubavu@dayliff.com
ETHIOPIA (Associate)
Addis Ababa
Tel: (251 11) 5159341/44
ethiopia@dayliff.com
DRC
Lubumbashi
Tel: (243) 978 115412/ 852 758553
drc@dayliff.com



www.davisandshirriff.com



Davis & Shirriff



@dayliff