



DALGIÇ POMPA uPVC KOLON BORULARI
uPVC COLUMN PIPE FOR SUBMERSIBLE PUMPS



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ABOUT FABA

FABA Faba Dis Tic.Plastik Autom. San.Ltd.Şti; It operates in the PVC pipe manufacturing and marketing sector.

We are at the service of our valued customers with our developing and growing machinery park, technical facilities and expert staff since our establishment.

Our company, which has the necessary team and equipment to fulfill its commitments on time and completely, always aims to provide the best service and to continuously increase customer satisfaction.

Knowing that customer relations do not start 'before the sale' but especially 'after the sale', our company, which is the representative of an understanding that can be with the customer in case of any technical failure, has proven its reliability with you, our customers, who are references to us.

Our products; Besides our country, as a result of market studies abroad, it is marketed to Iraq, Iran, Morocco, Algeria, Libya, Tunisia, Cyprus, Nigeria, Bosnia and Herzegovina, Azerbaijan, Kazakhstan, Uzbekistan and Turkmenistan. In addition to constant market research and development, on-time product delivery also plays an important role in our success.

Our aim; Announcing the Faba brand and quality to the whole world, while increasing our export capacity, never giving up on product quality and customer satisfaction.



INSTALLATION

INSTALLATION PROCEDURE



1. First connect the male end of C.I/ M.S/ S.S bottom adaptor to submersible borewell pump using chain wrench.
2. Join the Sudarshan Pump Guard to the bottom Adaptor along with M.S/S.S flange rod. 3. Now connect the first pipe to the female end of the pump guard.
4. Before connecting the pipes and pump guard, clean the threads with clean water and check for proper fitment of rubber sealing.
5. While fitting of pipe hold the coupler by hand/wrench.
6. Tighten the pipes by hand, until the rubber sealing in the pipe end completely enters into the coupling. However for better grip strap wrench can be used to hold/ tighten the pipes.
7. At the time of lowering the pump into borehole, the clamp must be fastened only to the portion marked just



below the coupler. 8. Then all the other Sudarshan Column pipes can be connected the same way. Pipe wrench should not be



used for support. 9. Once the top column pipe reaches the ground level, connect the top adaptor with male end connection. 10. Finally from the ground level regular plumbing accessories can be used to transfer water to required delivery point.

*Do not use oil on square threads of Sudarshan Column Pipes. Clean the threads with normal water and check the proper fitment of rubber sealing element

INSTALLATION CONDITIONS

Full casing of bore well is recommended for long life of bore and pump. It prevents the pump from getting stuck due to loose boulders, stones, soil and silt. It also reduces chances of accident due to protruding stones and boulders at the time of removing the pump and pipe.

REMOVAL CONDITIONS

At the time of removal of pumps from bores, it is advisable to ensure that there is no accumulation of boulders, stones and silt. During removal in case pump gets stuck due to such accumulation, proper flushing of the borehole should be done before applying the pulling load on the pipes.

PRECAUTIONS

Avoid Dry Run of Pump

Dry run of submersible pump generates hot air which can damage/ deform the first Column Pipe connected with the pump. To avoid this:

Use timer switch to turn on or off the pump automatically as per the pre-set time, determined after assessing the bore yield.

Use of 3 metres G.I. Pipe between pump and SEPL uPVC Column Pipe will help dissipate the heat, preventing any damage or deformation

TECHNICAL CHART

uPVC KOLON BORULARI TEKNİK BİLGİLER / uPVC COLUMN TECHNICAL DATA

TİP TYPE	BORU ÖLÇÜLERİ / SIZE			NİHAİ KIRILMA YÜKÜ ULTIMATE BREAKING LOAD	GÜVENLİ ÇEKME YÜKÜ SAFE PULLING LOAD	GÜVENLİ HİDROSTATİK BASINÇ SAFE ALLOWABLE H.PRESSURE	GÜVENLİ POMPA KURULUMU SAFE PUMP INSTALLATION
	DIŞ ÇAP / O.D.	ANMA ÇAP / NB					
MEDIUM PLUS	1 1/4"	42 mm	32 mm	1600 kg	940 kg	15 (kg/cm ²)	100 m
	1 1/2"	48 mm	40 mm	1950 kg	1150 kg	15 (kg/cm ²)	100 m
	2"	60 mm	50 mm	2850 kg	1500 kg	15 (kg/cm ²)	100 m
	2 1/2"	75 mm	60 mm	4300 kg	1950 kg	15 (kg/cm ²)	100 m
	3"	88 mm	80 mm	6100 kg	3000 kg	15 (kg/cm ²)	100 m
	4"	113 mm	100 mm	9800 kg	5350 kg	15 (kg/cm ²)	100 m
	5"	140 mm	125 mm	14500 kg	7650 kg	15 (kg/cm ²)	100 m
	6"	165 mm	140 mm	-	-	-	-
STANDART DUTY	1 1/4"	42 mm	32 mm	2400 kg	1410 kg	20 (kg/cm ²)	150 m
	1 1/2"	48 mm	40 mm	2800 kg	1650 kg	20 (kg/cm ²)	150 m
	2"	60 mm	50 mm	3800 kg	2250 kg	20 (kg/cm ²)	150 m
	2 1/2"	75 mm	60 mm	5850 kg	2900 kg	20 (kg/cm ²)	150 m
	3"	88 mm	80 mm	7450 kg	4300 kg	20 (kg/cm ²)	150 m
	4"	113 mm	100 mm	12000 kg	7100 kg	20 (kg/cm ²)	150 m
	5"	140 mm	125 mm	18500 kg	10300 kg	20 (kg/cm ²)	150 m
	6"	165 mm	140 mm	33000 kg	19500 kg	20 (kg/cm ²)	150 m
HEAVY DUTY	1 1/4"	42 mm	32 mm	2900 kg	1700 kg	27 (kg/cm ²)	200 m
	1 1/2"	48 mm	40 mm	3900 kg	2300 kg	27 (kg/cm ²)	200 m
	2"	60 mm	50 mm	4800 kg	2850 kg	27 (kg/cm ²)	200 m
	2 1/2"	75 mm	60 mm	7100 kg	4200 kg	27 (kg/cm ²)	200 m
	3"	88 mm	80 mm	9900 kg	5850 kg	27 (kg/cm ²)	200 m
	4"	113 mm	100 mm	16500 kg	9700 kg	27 (kg/cm ²)	200 m
	5"	140 mm	125 mm	24000 kg	14100 kg	27 (kg/cm ²)	200 m
	6"	165 mm	140 mm	41000 kg	24100 kg	27 (kg/cm ²)	200 m

NOT : GÜVENLİ ÇALIŞMA BASINCI HESABINDA, KUYUYA YAPILAN MONTAJ DERİNLİĞİ DEĞİL, POMPANIN ÜZERİNE BİREN TOPLAM MANOMETRİK İRTİFA DİKKATE ALINMALIDIR.



THANK YOU



FABA

Su Sistemi İçin Kaliteli Çözümler.
Quality Solutions For Water System.