



UNDERGROUND WATER

3 NBS Submersible Borehole Pumps

► **APPLICATIONS**

Pressurized irrigation systems
Booster set systems
Water supply for domestic applications
Solar panels applications

► **CONSTRUCTION MATERIALS**

Pump body: AISI 304 stainless steel
Impellers and difusers in polycarbonate
and noryl with stainless steel AISI 304
wear rings

► **WORKING LIMITS**

Maximum flow rate: up to 4 m³/h
Maximum head: up to 170m

► **MOTOR SPECIFICATIONS**

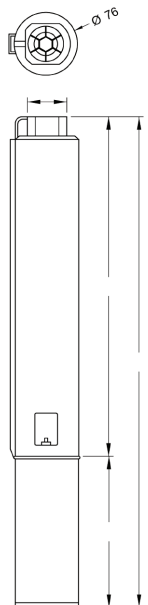
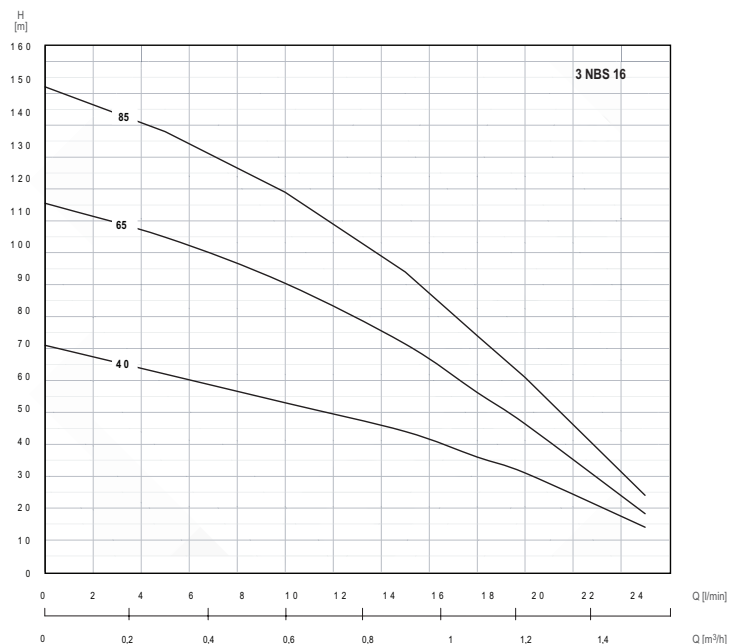
Type: Submersible
Voltage: 1x230V or 3x400V
Insulation class: F
Protection class: IP68
Rotation: 2850 r.p.m.



3 NBS

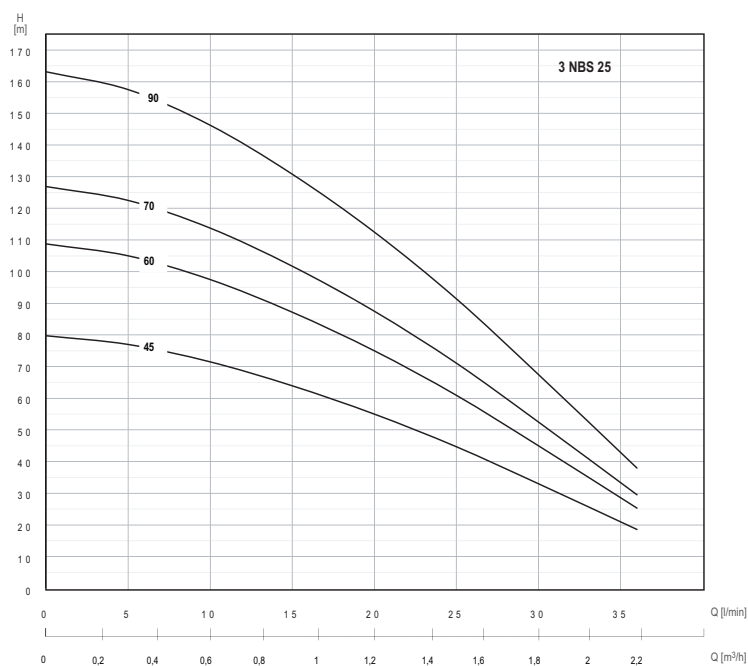
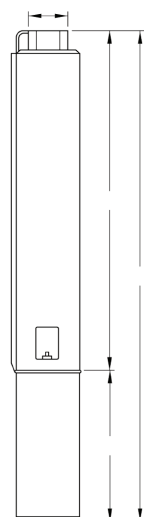


The **3 NBS series** consists of submersible, multistage, centrifugal pumps for collection of underground water in boreholes. As well as collection of surface water, since adequate motor cooling ⁽¹⁾. The coupling of the pump to the motor complies with the NEMA standard.

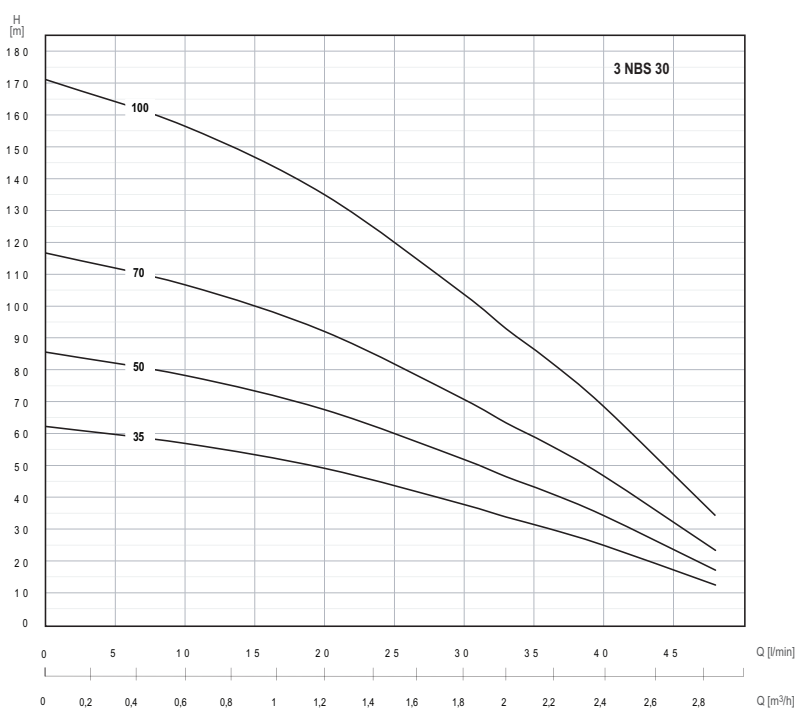


MODEL	POWER (kW)	MOTOR		Q - FLOW							WEIGHT (Kg)	HEIGHT (mm)	OUTLET
		1 ~ 230 V	3 ~ 400 V	m ³ /h	0	0,3	0,6	0,9	1,2	1,5			
		A	A	l/min	0	5	10	15	20	25			
3 NBS 16-40	0,37	4,0	1,6		71	62	53	44	31	14	4,6	966	1"1/4
3 NBS 16-65	0,37	4,0	1,6		116	105	90	71	46	18	6	1246	
3 NBS 16-85	0,55	5,1	1,8		153	138	118	93	61	24	7,2	1537	

Submersible Borehole Pumps

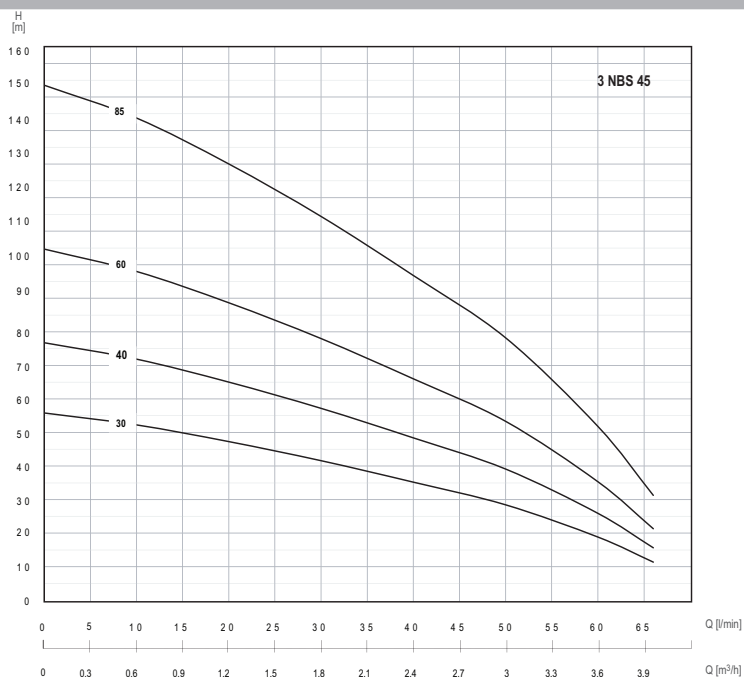


MODEL	POWER (kW)	MOTOR		Q - FLOW										WEIGHT (Kg)	HEIGHT (mm)	OUTLET
		1 ~ 230 V	3 ~ 400 V	m³/h	0	0,3	0,6	0,9	1,2	1,5	1,8	2,1				
				l/min	0	5	10	15	20	25	30	35				
				A	A	A	A	A	A	A	A	A	A			
3 NBS 25-45	0,37	4,0	1,6		80	77	72	64	55	45	33	20	4,6	966	1"1/4	
3 NBS 25-60	0,37	4,0	1,6		109	105	98	87	75	61	45	26	5,2	1177		
3 NBS 25- 70	0,55	5,1	1,8		127	123	115	102	88	72	53	32	5,8	1234		
3 NBS 25-90	0,75	7,2	2,7		164	158	147	131	113	92	68	41	7	1470		



MODEL	POWER (kW)	MOTOR		Q - FLOW												WEIGHT (Kg)	HEIGHT (mm)	OUTLET
		1 ~ 230 V	3 ~400 V	m³/h	0	0,3	0,6	0,9	1,2	1,5	1,8	2,1	2,4	2,7				
				l/min	0	5	10	15	20	25	30	35	40	45				
				A	A													
3 NBS 30-35	0,37	4,0	1,6		62	60	57	53	49	44	38	32	25	17	4	933	1"1/4	
3 NBS 30-50	0,55	5,1	1,8		85	83	978	73	67	61	52	44	34	23	4,6	1105		
3 NBS 30-70	0,75	7,2	2,7		116	113	107	99	92	83	71	60	47	32	5,8	1301		
3 NBS 30-100	1,1	8.5	4,1		171	165	157	146	135	121	105	88	69	47	7	1700		

Submersible Borehole Pumps



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		1 ~ 230 V	3 ~ 400 V	m³/h	0	0,3	0,6	0,9	1,2	1,5	1,8	2,1	2,4	2,7	3	3,3	3,6	3,9					
				l/min	0	5	10	15	20	25	30	35	40	45	50	55	60	65					
					A	A																	
3 NBS 45-30	0,37	4,0	1,6		56	54	52	49	47	44	42	38	35	31	28	24	19	12	4	933	1"1/4		
3 NBS 45-40	0,55	5,1	1,8		77	74	72	67	65	61	58	52	48	43	39	33	26	17	4,6	1065			
3 NBS 45-60	0,75	7,2	2,7		105	101	98	92	88	83	79	71	66	58	53	45	36	23	5,8	1281			
3 NBS 45- 85	1,1	8,5	4,1		154	149	143	135	129	121	116	105	96	85	77	66	52	33	7	1700			

