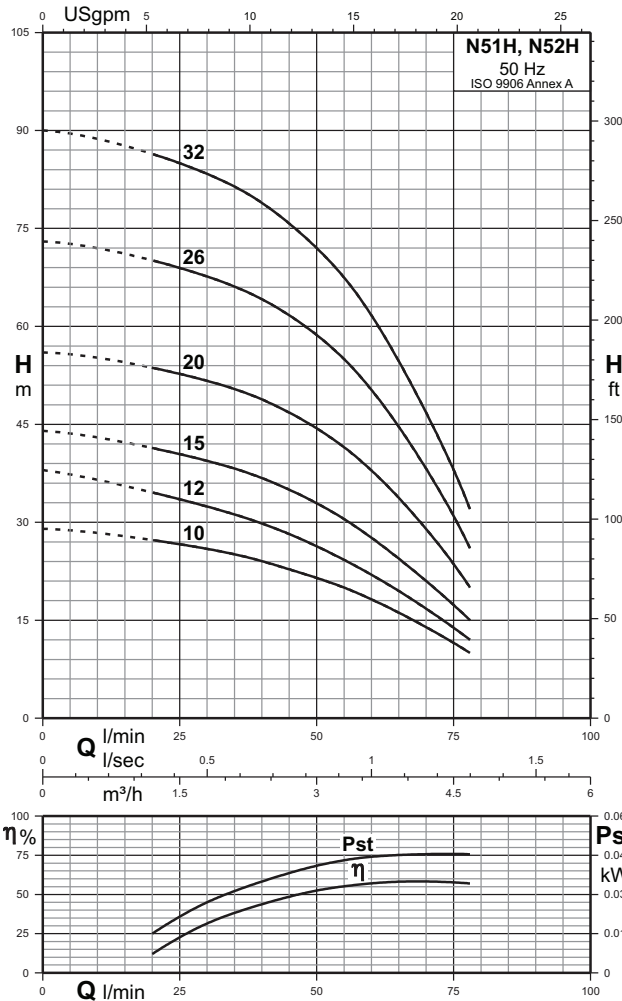


3" Submersible Bore Well Pumps

Radial Flow

N51H, N52H

PERFORMANCE CURVES



PERFORMANCE TABLE

Pump type	Motor power		Q m³/h					
	kW	HP	0	1,8	3	3,5	3,8	4,4
N51H - 10	0,37	0,5	0	30	50	58	64	74
N52H - 12	0,75	1	29	26	22	19	17	12
N51H - 15	0,55	0,75	38	33	27	22	20	15
N51H - 20	0,75	1	44	40	32	29	25	19
N51H - 26	0,93	1,25	56	52	45	40	35	25
N51H - 32	1,1	1,5	73	68	59	52	46	33
			90	84	72	64	56	40

MATERIALS

Pos.	Component	3 Inch "N" Type pump	
		Cast iron	Stainless steel
1	Bowl / Diffuser	Noryl GFN3V*	Noryl GFN3V*
2	Impeller	Noryl GFN3V*	Noryl GFN3V*
3	Wear ring	Cr-Ni steel AISI 304	Cr-Ni steel AISI 304
4	Shaft	Cr steel AISI 410	Cr steel AISI 410
5	Shaft sleeve	Cr steel AISI 410	Cr steel AISI 410
6	Couple	Cr steel AISI 410	Cr steel AISI 410
7	Delivery casing	Grey iron 200 ISO 185	Investment cast SS CF8
8	Suction case	Grey iron 200 ISO 185	Investment cast SS CF8
9	Bearing bush	Nitrile rubber	Nitrile rubber
10	Strainer	Cr-Ni steel AISI 304	Cr-Ni steel AISI 304
11	Screw	Cr-Ni steel AISI 304	Cr-Ni steel AISI 304
12	Top support	Grey iron 200 ISO 185	Grey iron 200 ISO 185
13	NRV base	Cr steel AISI 410	Cr-Ni steel AISI 304
14	NRV ring	Cr steel AISI 410	Cr-Ni steel AISI 304
15	NRV rubber ring	Nitrile rubber	Nitrile rubber
16	NRV circlip	Spring steel	Spring steel

* Available in 20% Glass filled polycarbonate on request.

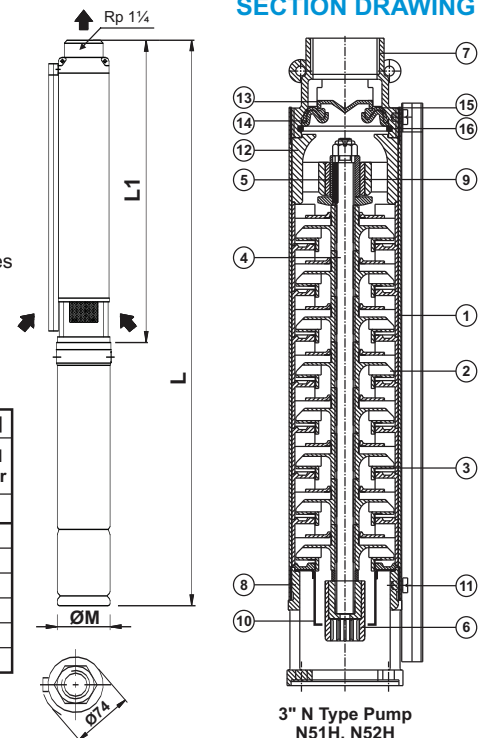
Nominal flow rate : 67 l/min
 Flow range : 20 - 78 l/min
 Head range : Up to 90 metres
 Max. pump efficiency (η) : 58%
 Motor power : 0,37 - 1,1 kW
 RPM : 2900
 Pipe connection : Rp 1/4

DIMENSIONS AND WEIGHTS

Pump type	Motor power		Dimensions					Gross weight [kg]		Gross volume [m³]	
			L1 [mm]	ØE [mm]	Oil filled motor			Pump	Pump + Oil filled motor	Pump	Pump + Oil filled motor
	Motor type	ØM [mm]			L [mm]	1 PH	1 PH				
N51H - 10	0,37	0,5	428	74	H3505	73	928	5,2	13,9	0,0033	0,0072
N52H - 12	0,75	1	484	74	H3510	73	1009	5,8	15,1	0,0037	0,0078
N51H - 15	0,55	0,75	568	74	H3507	73	1093	6,6	15,9	0,0044	0,0085
N51H - 20	0,75	1	708	74	H3510	73	1258	8,0	18,0	0,0055	0,0097
N51H - 26	0,93	1,25	936	74	H3512	73	1486	9,7	20,3	0,0073	0,0120
N51H - 32	1,1	1,5	1104	74	H3515	73	1654	11,4	22,5	0,0086	0,0132

Note: ØE = For single cable motor maximum diameter of pump inclusive of cable guard.
 All dimensions in mm unless otherwise noted.

SECTION DRAWING



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