

BOREWELL SUBMERSIBLE PUMP SET -100 M.M. (4")

APPROXIMATE PERFORMANCE DATA AT 2880 RPM,200-240 VOLTS, SINGLE PHASE
380-415 VOLTS, THREE PHASE, 50 Hz, A.C. SUPPLY



RADIAL FLOW

Pump Model P01	H.P.	Pump Stage	Out let Size	Cable SQ. M.M.	Single & Three Phase	HEAD	DISCHARGE IN LPM						
							8	15	20	25	30	37	45
P-01	0.5	10	25mm	1x3x1.5	S.P.	IN METERS	53	48	44	40	35	25	20
P-01	0.75	12	25mm	1x3x1.5	S.P.		64	58	53	48	42	30	24
P-01	0.75	14	25mm	1x3x1.5	S.P.		74	67	62	56	49	35	28
P-01	1.0	16	25mm	1x3x1.5	S.P./T.P.		85	77	70	64	56	40	32
P-01	1.0	18	25mm	1x3x1.5	S.P./T.P.		95	86	79	72	63	45	36
P-01	1.5	22	25mm	1x3x1.5	S.P./T.P.		117	106	97	88	77	55	44
P-01	1.5	24	25mm	1x3x1.5	S.P./T.P.		127	115	106	96	84	60	48
P-01	2.0	30	25mm	1x3x2.5	S.P./T.P.		159	144	132	120	105	75	60
P-01	2.0	32	25mm	1x3x2.5	S.P./T.P.		170	154	141	128	112	80	64
Pump Model P02	H.P.	Pump Stage	Out let Size	Cable SQ. M.M.	Single & Three Phase		HEAD	DISCHARGE IN LPM					
								10	25	40	45	55	65
P-02	0.5	8	32mm	1x3x1.5	S.P.	IN METERS	44	40	36	32	28	20	16
P-02	0.75	10	32mm	1x3x1.5	S.P.		55	50	45	40	35	25	20
P-02	1.0	12	32mm	1x3x1.5	S.P./T.P.		66	60	54	48	42	30	24
P-02	1.0	14	32mm	1x3x1.5	S.P./T.P.		77	70	63	56	49	35	28
P-02	1.0	15	32mm	1x3x1.5	S.P./T.P.		83	75	68	60	53	38	30
P-02	1.5	18	32mm	1x3x1.5	S.P./T.P.		99	90	81	72	63	45	36
P-02	1.5	20	32mm	1x3x1.5	S.P./T.P.		110	100	90	80	70	50	40
P-02	2.0	22	32mm	1x3x2.5	S.P./T.P.		121	110	99	88	77	66	55
P-02	2.0	24	32mm	1x3x2.5	S.P./T.P.		132	120	108	96	84	72	60
P-02	2.0	26	32mm	1x3x2.5	S.P./T.P.		143	130	117	104	91	78	65
Pump Model P04	H.P.	Pump Stage	Out let Size	Cable SQ. M.M.	Single & Three Phase	HEAD	DISCHARGE IN LPM						
							30	55	70	80	90	95	105
P-04	0.5	6	38mm	1x3x1.5	S.P.	IN METERS	33	30	27	24	21	18	15
P-04	0.75	7	38mm	1x3x1.5	S.P./T.P.		39	35	32	28	25	21	18
P-04	1.0	10	38mm	1x3x1.5	S.P./T.P.		55	50	45	40	35	30	25
P-04	1.5	12	38mm	1x3x1.5	S.P./T.P.		66	60	54	48	42	36	30
P-04	1.5	15	38mm	1x3x1.5	S.P./T.P.		83	75	68	60	53	45	38
P-04	2.0	18	38mm	1x3x2.5	S.P./T.P.		99	90	81	72	63	54	45
P-04	2.0	20	38mm	1x3x2.5	S.P./T.P.		110	100	90	80	70	60	50
P-04	3.0	25	38mm	1x3x2.5	T.P.		138	125	113	100	88	75	63
P-04	3.0	30	38mm	1x3x2.5	T.P.		165	150	135	120	105	90	75

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Pump Model P05	H.P.	Pump Stage	Out let Size	Cable SQ. M.M.	Single & Three Phase	HEAD	DISCHARGE IN LPM						
							35	65	80	95	110	125	140
P-05	0.75	5	38mm	1x3x1.5	S.P	IN METERS	29	26	25	23	20	15	13
P-05	1.0	8	38mm	1x3x1.5	S.P./T.P.		46	42	40	36	32	24	20
P-05	1.5	10	38mm	1x3x1.5	S.P./T.P.		58	53	50	45	40	30	25
P-05	2.0	12	38mm	1x3x2.5	S.P./T.P.		70	63	60	54	48	36	30
P-05	2.0	14	38mm	1x3x2.5	S.P./T.P.		81	74	70	63	56	42	35
P-05	2.0	15	38mm	1x3x2.5	S.P./T.P.		87	79	75	68	60	45	38
P-05	2.0	16	38mm	1x3x2.5	S.P./T.P.		93	84	80	72	64	48	40
P-05	3.0	18	38mm	1x3x2.5	T.P.		104	95	90	81	72	54	45
P-05	3.0	20	38mm	1x3x2.5	T.P.		116	105	100	90	80	60	50

RADIAL FLOW

Pump Model P07	H.P.	Pump Stage	Out let Size	Cable SQ. M.M.	Single & Three Phase	HEAD	DISCHARGE IN LPM						
							115	130	150	160	180	200	220
P-07	0.75	4	50mm	1x3x1.5	S.P	IN METERS	22	20	18	16	12	10	8
P-07	1.0	5	50mm	1x3x1.5	S.P./T.P.		28	25	23	20	15	13	10
P-07	1.5	7	50mm	1x3x1.5	S.P./T.P.		39	35	32	28	21	18	14
P-07	2.0	8	50mm	1x3x2.5	S.P./T.P.		44	40	36	32	24	20	16
P-07	2.0	10	50mm	1x3x2.5	S.P./T.P.		55	50	45	40	30	25	20
P-07	3.0	12	50mm	1x3x2.5	T.P.		66	60	54	48	36	30	24
P-07	3.0	15	50mm	1x3x2.5	T.P.		83	75	68	60	45	38	30

MIXED FLOW

Pump Model P012	H.P.	Pump Stage	Out let Size	Cable SQ. M.M.	Single & Three Phase	HEAD	DISCHARGE IN LPM						
							160	200	225	250	280	325	375
P-12	1.5	5	50mm	1x3x1.5	S.P./T.P.	IN METERS	25	23	18	15	13	10	8
P-12	2.0	6	50mm	1x3x2.5	S.P./T.P.		30	27	21	18	15	12	9
P-12	3.0	10	50mm	1x3x2.5	T.P.		50	45	35	30	25	20	15

Pump Model P018	H.P.	Pump Stage	Out let Size	Cable SQ. M.M.	Single & Three Phase	HEAD	DISCHARGE IN LPM						
							150	225	275	325	360	400	425
P-18	2.0	4	65mm	1x3x2.5	S.P./T.P.	IN METERS	18	16	14	12	10	8	6
P-18	2.0	5	65mm	1x3x2.5	S.P./T.P.		23	20	18	15	13	10	8
P-18	3.0	6	65mm	1x3x2.5	T.P.		27	24	21	18	15	12	9
P-18	3.0	8	65mm	1x3x2.5	T.P.		36	32	25	24	20	16	12

(Note :- S.P.= Single phase, T.P. = Three phase, S.P./T.P. = SINGLE PHASE & THREE PHASE)