

General Pump Specifications & Performance

Model	hp	Solids Size (in)	Shut Off (ft)	Total Head (ft)															
				5'	10'	15'	20'	25'	30'	35'	40'	50'	60'	70'	80'	90'	100'		
SUMP PUMPS																			
SU25	1/4		17	35	26	12													
SU33	1/3		20	41	33	23	4												
SP33	1/3	1/2	30	58	43	35	25	15											
SP33D	1/3	1/2	30	58	43	35	25	15											
SP33DX	1/2	1/2	30	58	43	35	25	15											
SP50	1/2	1/2	30	66	58	46	35	20											
SP75	3/4	1/2	33	80	72	65	52	40	20										
70	7/10	1/4	38			75	61	48	30	11									
125	1 1/4	1/4	50			105	95	85	74	60	45								
EFFLUENT PUMPS																			
BP314	1/3	3/4	30	66	60	53	44	26											
EHV412	1/2	3/4	45	48	45	42	38	33	28	20	10								
EH512L	1/2	3/4	50	100	92	85	75	65	52	35	20								
EP52	1/2	3/4	23	81	68	51	30												
EP72	3/4	3/4	31	88	77	65	53	37	10										
EH1022L	1	3/4	70				100	96	90	81	70	45	17						
STEP522L	1/2	3/4	80	78	75	70	67	62	57	53	48	36	25	13					
STEP1022L	1	3/4	110	86	84	83	80	77	74	71	68	61	52	44	35	23	11		
EH1522L	1 1/2	3/4	85								100	83	60	31	10				
SEWAGE PUMPS																			
SE411	4/10	2	26	116	95	70	38	3											
SEV412	1/2	2	25	86	74	56	35												
SE51	1/2	2	26	175	138	100	50	2											
SE511	1/2	2	25	138	114	87	45												
SE774L	1/2	2	30		150	125	85	40											1
2SEV512L	1/2	2	27		130	100	65	25											
2SEV514L	1/2	2	27		130	100	65	25											
SEV524	1/2	2	27	140	130	100	65	20											
2SEV522	1/2	2	39	85	85	85	80	64	50	35									
2SEV724	3/4	2	30	160	142	115	90	50											
2SE1024	1	2	36	225	195	165	132	95	50	10									
2SEV1024L	1	2	37		175	150	125	100	65	20									
2SEV1022	1	2	53	140	140	140	138	120	100	85	70	20							
3SE1022L	1	1 1/2	48	152	142	130	110	93	75	55	35	10							
3SE1524L	1 1/2	2 1/2	39	370	340	300	250	190	120	50									
3SE1524HD	1 1/2	2 1/2	37	320	290	250	230	170	120	60									
2SEV1522	1 1/2	2	71				150	138	125	113	98	70	38	5					
3SE1522L	1 1/2	1 1/2	66	163	155	150	142	135	125	115	100	60	23						
3SE2024L	2	2 1/2	47	410	375	340	290	250	200	150	90								
3SE2024HD	2	2 1/2	48	370	335	300	265	235	190	150	110								
2SEV2022	2	2	81				165	155	140	130	120	95	73	40	5				
3SE2022L	2	1 1/2	78	170	165	160	156	152	150	140	130	105	65	26					
3SE3032L	3	1 1/2	96	190	187	185	180	175	170	165	160	145	120	85	55	25			
3SE3024L	3	2 1/2	66					350	330	300	255	170	60						
4SE-DS	0.9	2	26	180	138	97	50												
4SE-DS	1.4	2	30	185	156	124	86	42											
4SE-DS	1.9	2	37	226	195	167	132	94	48										
4SE-SS/L	2.8	2 1/2	35	405	340	275	208	140	65										
4SE-SS/L	3.7	2 1/2	41	435	375	330	270	212	150	81	13								
4SE-SS/L	5	2 1/2	47	485	445	400	350	295	232	171	100	25							
PGPP	2		105	102	101	99	97	94	93	90	85	75							
PGPH	2		125	120	114	109	104	97	12										
SPECIALTY PUMPS																			
BT12	1/12	2	26	116	95	70	38	3											
BT50	1/2		38	4															
UT17	1/6	1/4	23	16	13	8	3												
BC15	1/50		15	70	38	0													
BC205	1/30		20	95	75	40													

● Grinder Pumps † High Temperature Pumps available ● Utility Dewatering Pumps ● 230 Volt Sump/Effluent Pumps (Sewage Pumps can be used for Effluent service)

BARNES®

Residential Plumbing

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RESIDENTIAL PLUMBING QUICK-REFERENCE

BARNES® Plumbing Products Cross Reference

Pump Model	BARNES®	Zoeller	Hydromatic	Goulds	Myers	Liberty	Little Giant	Dayton	Diversitech
1/6HP Utility Sump Pump	UT17								
1/4hp Sump Pump	SU25	#49 Water Ridd'r III	B-A1 BV-A1	SP025	SP25	240	SP-14 5.5-ASP	4HU67	
1/3HP Sump Pump	SU33 SP33VF SP33D SP33A	M53 M72 N151	W/D/V-A1 HTS33 SW/SD/V533	LSP03 ST31 SP03	SSM331 MDC33 S33 DS33	230 S37 250	6-CIA TSW-SP SP-13 ES33	4HU68 3BB68	
1/2HP Sump Pump	SP50 SP50A SP50D	M76 M98 N137	SD50 SV50 SW50	ST51	DS50 MDC50 S50HT	280 450	SP-12 10-CIA	4HU69 3BB69	
3/4HP Sump Pump	SP75		B75	LSP07 ST71	SP75 DS75		ES33	3BB72	
1/3HP Effluent	BP314	N151	SHEF30	WE03 2ED52B PE31	ME3F ME3H	250 FL31			
1/2HP Effluent	STEP512SS EH512L EHV412 EP52 EP72	M137 N153 N161 N166 160,180 SER	OSP50A1 SHEF50 SPD50H	WE05 2ED51C EP05 PE51 PSS1 PV5	ME50 P51S P52 DE50	FL51 280	14EH-CIM 10E-CIA HT10E-CIA	3BB83 4HU70 4LE10	
.6 Effluent	STEP512SS					FL61			
.75HP Effluent	EHV412A	N145		LEP07 WE07 2ED51D	ME75				
1HP Effluent	STEP1022SS EH1022L	E165 E185 N140	SHEF100 SPD100H	2ED51E WE10	ME100 P102	FL100	16EH-CIM	3BB85 4HU77	
1-1/2HP Effluent	EH1522L	E183 E188	SKHD150	WE15 2ED51F	ME150	FL150			
.4HP Sewage	SE411A	M264	SP40 BV40 SKV40	2(3)WD52B 2(3)WD51B WS03	SRM4	LE41A	9S-CIA ES40	3BB87 4HU79 4LE12	
.5HP Sewage	SE511A SE51A 2SEV514L SE411A SEV412A 2SEV512L	M266 M267 M268 M282 M4282 N292 M4292	SP50 SKV50 SK50 SKHS50	WS05 WW05 1DM51C 1DV51C 2(3)WD52C 2(3)WD51C	CMV5A-11 MW50-11P MWH50-21 WHR5 WHR5H DSW50	LE50	10S-CIA 10SH-CIA ES50 14S-CIM SWP-12	3BB88 3BB92 4HU80	

BARNES® Plumbing Products Cross Reference

Pump Model	BARNES®	Zoeller	Hydromatic	Goulds	Myers	Liberty	Little Giant	Dayton	Diversitech
.6 & .75HP Sewage	SE774L 2SEV724L SE51A		SK60 SK75	WS07 2DM51D 2DV51D 2(3)WD52D 2(3)WD51D	WHR7	LE70	ES60		
1HP Sewage	2SEV1024L 2SEV1022L 3SE1022L	N270 E284 E4284 E293 E611	SK100 SKHS100	WS10 2DM51E 2DV51E 2(3)WD52E 2(3)WD51E	WHR10 MW100 WHRH10 3MW10M2 3MHV-10M4 DSW100 V3WH-V10M4	LE100 LEH100	16S-CIM	3BB90 4HU83 4LB99	
1.5HP Sewage	2SEV1522L 3SE1524L 3SE1524HD 3SE1522L	E294 4294 E621	SKHS150 S3S150 SB3S150	WS15 LDL1512 2(3)DM51F 2(3)DV51F WS15D3 3SD52F 3SDX12F	MW150 WHR15H 3MW15M2 3WHV15M4 V3WH-V15M4		18S-CIM	4HU86 4LE22	
2HP Sewage	2SEV2022L 3SE2024L 3SE2024HD 3SE2022L	E295 4295 E404 E4404 E631	SKHS200 S3S200 SB3S200	WS2012BHF LDL2032 WS20D3 3SD52G 3SDX12G	MW200 WHR20H 3MW20M2 3WHV20M4 V3WH-V20M4		20S-CIM	3BB91 4LE23	
3HP Sewage	3SE3024L 3SE3032L 4SE-SS 2.8Hp 4SE-SS 3.7Hp	E641 E405 E4405	S3S300 SB3S300 SB4S300	WS30D3 WS30D4 3SD52H 3SDX12H	3MW30M4 3MW30DM4 3MW30M2 3MW30DM2 3WHV30M4 V3WH-V30M4			3BB96	
5HP Sewage	4SE-SS 5.0Hp	E651	S4S500 SB4S500	WS50D3 WS30D4 3SD52J 3SDX12J	3WHV50M4 V2WH-V50M4				
2HP Grinder	PGPP	815 820 840 842	HPGR200 HPGR200-D	RGS2012 1GA71 1GD51	MRG20 MRGD200	LSG-200 LSGX200	20GH-CIM GP-M GP-A	3BB97	
Laundry Tray Systems	SU33LT SP33LT	104-M72 105-M53	118	SDS1 BSDS1	ED33	404 405	WRSC-6 WRS-6		
Specialty Pumps	BT12 BT50 CB15 CB20S BOSS UT17 BUS	311 314 Oil Guard 42 507 Sentry	HCU15 HCU20S EPC Series HUP Model A+	SPBB	MCU15 MCU20S EPP Series SPS-6 MPSP-2	331 LCU15 LCU20 ELV Series 260 441	360S UPSP-5 VCMA15UL VCMA20UL OSD-6E1 5-MSP SPBS-12	CP16 CP22	

See Back for Quick Reference Chart! General Pump Specifications & Performance