

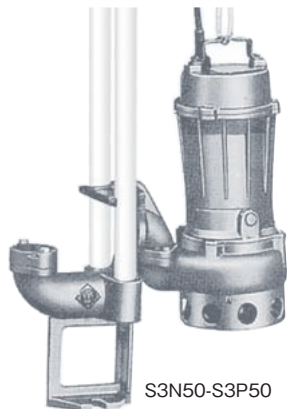
S3N

Channel Impeller models for handling liquids containing solids



Channel Impeller

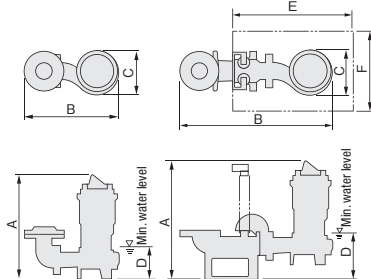
0.25~7.5kW



S3N50-S3P50

Dimensions (mm)

- Free standing
- Guide rail installation



Standard Specifications

Discharge mm	Pump model	Installation kit No.		Rated output kW	Phase	Flow - Total head m ³ /min-m		No. of poles	Pump weight kg	
		Guide rail installation	Free standing			50Hz	60Hz		S3N	S3N-D / S3N-W
40	S3N40T	S3P40	S3F40	0.25	3	0.1 - 5.1	0.1 - 5.0	2	17.5	18.5
50(65)	S3N50T	S3P50	S3F50	0.4	3	0.15 - 5.6	0.15 - 5.6	2	23	24
	S3N50			0.75	3	0.2 - 7.6	0.2 - 7.0		24	25
65(80)	S3N65	S3P65	S3F65	1.5	3	0.4 - 9.9	0.4 - 9.2	2	39	41
80 (65) (100)	S3N80	S3P80B	S3F80	2.2	3	0.8 - 7.4	0.8 - 7.6	4	63	-
				3.7		[1] 1.0 -10.8 [3] 0.8 -13.4	1.0 -10.8		76	
100 (80)	S3N100	S3P8100B	S3F100	5.5	3	[1] 1.2 -11.5 [2] 1.2 -12.2 [3] 0.9 -16.5 [4] 0.9 -16.5		4	103	-
				7.5		[1] 1.4 -14.0 [2] 1.4 -15.4 [3] 1.0 -20.0 [4] 1.0 -21.0			117	

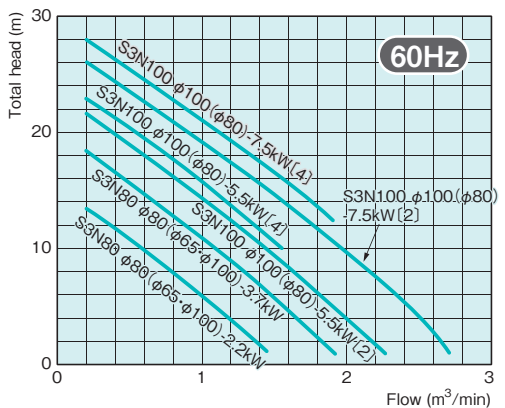
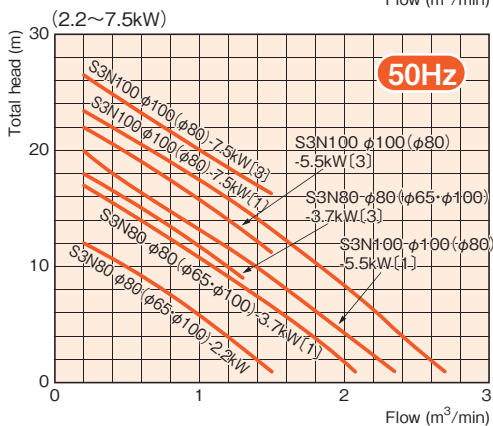
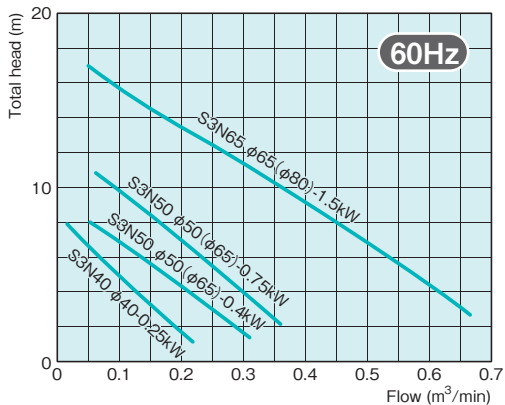
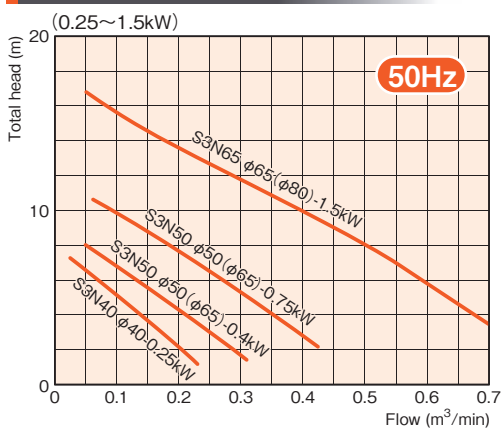
* A pump with a discharge size within parentheses () is also available.
[] Impeller No.

Pump model	Installation kit No.	Rated output kW	Dimensions (mm)					
			A	B	C	D	E	F
S3N40T	S3F40	0.25	377	233	164	125		
S3N50 (T)	S3F50	0.4~0.75	439	249	171	135		
S3N65	S3F65	1.5	526	408	230	150		
		2.2	550	524	292			
S3N80	S3F80	3.7	612	543	331	190		
S3N100	S3F100	5.5	640	618	355	190		
		7.5	675	633	387			
S3N40T	S3P40	0.25	433	431	164	180	550	350
S3N50 (T)	S3P50	0.4~0.75	487	447	171	180	550	350
S3N65	S3P65	1.5	574	653	230	200	550	350
S3N80	S3P80	2.2	620	830	292		600	500
		3.7	682	849	331	260	700	600
S3N100	S3P100	5.5	710	920	355		700	600
		7.5	745	935	387	260	700	600

Cable Specifications

- 0.25~0.75kW : VCT 1.25mm²×4 cores×Outer dia. 11.5 mm×6m
 - 1.5kW : VCT 1.25mm²×4 cores×Outer dia. 11.5 mm×10m
 - 2.2kW : VCT 1.25mm²×4 cores×Outer dia. 11.5 mm×8m
 - 3.7kW : VCT 2.0mm²×4 cores×Outer dia. 12 mm×8m
 - 5.5kW : VCT 3.5mm²×4 cores×Outer dia. 14 mm×8m
 - 7.5kW : VCT 5.5mm²×4 cores×Outer dia. 16.5 mm×8m
- VCT: PVC insulated PVC sheathed cable

Performance Curves



[] Impeller No.

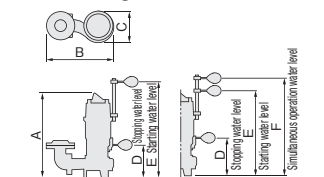
Auto-operation models

S3N-D: Auto-operation

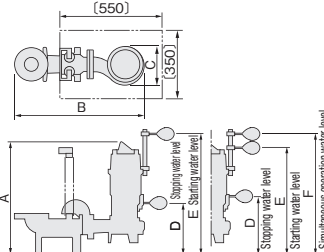
S3N-DW: Auto-alternate operation

Auto-operation	Pump model	
	Auto-alternate operation Pair name	Pump No. 1 and 2
S3N40DT	S3N40DWT	S3N40WT + S3N40DT
S3N50DT	S3N50DWT	S3N50WT + S3N50DT
S3N50D	S3N50DW	S3N50W + S3N50D
S3N65D	S3N65DW	S3N65W + S3N65D

Free standing



Guide rail installation (550)



Pump model	Installation kit No.	Rated output kW	Dimensions (mm)					
			A	B	C	D	E	F
S3N40DT	S3F40	0.25	411	233	164	130	550	
S3N50D (T)	S3F50	0.4~0.75	473	249	171	140	610	
S3N65D	S3F65	1.5	584	408	230	310	780	
S3N40WT	S3F40	0.25	411	233	164	170	500	650
S3N50W (T)	S3F50	0.4~0.75	473	249	171	180	560	710
S3N65W	S3F65	1.5	584	408	230	370	730	910
S3N40DT	S3P40	0.25	467	431	164	185	605	
S3N50D (T)	S3P50	0.4~0.75	521	447	171	190	660	
S3N65D	S3P65	1.5	632	653	230	360	830	
S3N40WT	S3P40	0.25	467	431	164	225	555	705
S3N50W (T)	S3P50	0.4~0.75	521	447	171	230	610	760
S3N65W	S3P65	1.5	632	653	230	420	780	960