

PCP Product Overview

NETZSCH PUMP ST Model



NETZSCH

NETZSCH PUMP ST Model																
Pump Model	Rate		Pressure		Rotor	Stator (refer to drawing for configuration)					Tubing		Casing			
	NETZSCH Model	BPD/ (@100 rpm)	m ³ /d (@100 rpm)	Psi		Bar	Length (mm.)	Rotor Connection for Rod Size (in.) API	Stator Length (mm.)	Stator O.D. (mm.)	Stop Pin Length (mm.)	Stator Connection (API)**	Minimum Ø	Drift Ø (mm)	Minimum Ø	Max. Weight
* NTZ 166*065ST0.8				1000	65	1340										
* NTZ 166*100ST0.8				1500	100	1740										
NTZ 166*120ST0.8				1800	120	1940										
* NTZ 166*150ST0.8	5,0	0,8		2200	150	2615										
* NTZ 166*180ST0.8				2600	180	2915										
* NTZ 166*200ST0.8				2900	200	3165										
NTZ 166*240ST0.8				3500	240	3615										
* NTZ 166*300ST0.8				4400	300	4340										
* NTZ 166*065ST1.1				1000	65	1640										
* NTZ 166*100ST1.1				1500	100	2200										
NTZ 166*120ST1.1				1800	120	2480										
* NTZ 166*150ST1.1	6,9	1,1		2200	150	3295										
* NTZ 166*180ST1.1				2600	180	3715										
* NTZ 166*200ST1.1				2900	200	4135										
NTZ 166*240ST1.1				3500	240	4695										
* NTZ 166*300ST1.1				4400	300	5680										
* NTZ 238*045ST1.6				700	45	1200										
NTZ 238*065ST1.6				1000	65	1500										
NTZ 238*100ST1.6				1500	100	1980										
NTZ 238*120ST1.6				1800	120	2220										
* NTZ 238*150ST1.6	10,1	1,6		2200	150	2965										
NTZ 238*165ST1.6				2400	165	3205										
* NTZ 238*180ST1.6				2600	180	3325										
NTZ 238*200ST1.6				2900	200	3685										
NTZ 238*240ST1.6				3500	240	4165										
NTZ 238*300ST1.6				4400	300	5140										
NTZ 238*065ST3.2				1000	65	1710										
NTZ 238*100ST3.2				1500	100	2302										
* NTZ 238*120ST3.2				1800	120	2673										
* NTZ 238*150ST3.2				2200	150	3441										
NTZ 238*165ST3.2				2400	165	3737										
* NTZ 238*180ST3.2	20,1	3,2		2600	180	3885										
NTZ 238*200ST3.2				2900	200	4329										
* NTZ 238*240ST3.2				3500	240	4996										
NTZ 238*300ST3.2				4400	300	6106										
* NTZ 238*030ST4.0				435	30	1300										
NTZ 238*065ST4.0				1000	65	2100										
NTZ 238*100ST4.0				1500	100	2900										
NTZ 238*120ST4.0				1800	120	3300										
* NTZ 238*150ST4.0	25,2	4,0		2200	150	4250										
NTZ 238*165ST4.0				2400	165	4550										
NTZ 238*180ST4.0				2600	180	4850										
NTZ 238*200ST4.0				2900	200	5525										
NTZ 238*240ST4.0				3500	240	6325										
NTZ 238*300ST4.0				4400	300	7625										
NTZ 238*065ST6.2				1000	65	2490										
NTZ 238*100ST6.2				1500	100	3498										
NTZ 238*120ST6.2				1800	120	4002										
* NTZ 238*150ST6.2				2200	150	5134										
NTZ 238*165ST6.2				2400	165	5512										
* NTZ 238*180ST6.2	39,0	6,2		2600	180	5965										
NTZ 238*200ST6.2				2900	200	6721										
NTZ 238*240ST6.2				3500	240	7729										
NTZ 238*300ST6.2				4400	300	9367										
NTZ 238*050ST20				730	50	3635										
NTZ 238*100ST20				1500	100	7011										
* NTZ 238*120ST20	125,8	20,0		1800	120	8670										
NTZ 238*150ST20				2200	150	10504										
* NTZ 278*065ST4.0				1000	65	1826										
NTZ 278*090ST4.0				1300	90	2525										
* NTZ 278*100ST4.0				1500	100	2705										
NTZ 278*120ST4.0				1800	120	3065										
NTZ 278*150ST4.0				2200	150	3945										
* NTZ 278*165ST4.0	25,2	4,0		2400	165	4215										
NTZ 278*180ST4.0				2600	180	4485										
* NTZ 278*200ST4.0				2900	200	4935										
NTZ 278*240ST4.0				3500	240	5820										
* NTZ 278*300ST4.0				4400	300	7065										

1.66" - NU -
Upper connection 2.375 EU
(F) first tubing above pump must be 2.3/8"

2.3/8" - 5.8 lb/ft -
First tubing above
pump must be 2.7/8"

15.1 lb/ft (NU) 4.1/2"
11.6 lb/ft (EU)

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NETZSCH PUMP ST Model																
NETZSCH Model	Pump Model		Rate		Pressure		Rotor		Stator (refer to drawing for configuration)				Tubing		Casing	
	BPD/ (@100 rpm)	m ³ /d (@100 rpm)	Psi	Bar	Length (mm.)	Rotor Connection for Rod Size (in.) API	Stator Length (mm.)	Stator O.D. (mm.)	Stop Pin Length (mm.)	Stator Connection (API)**	Minimum Ø	Drift Ø (mm)	Minimum Ø	Max. Weight		
NTZ 278*065ST7.0			1000	65	1985		1875		350							
* NTZ 278*090ST7.0			1300	90	2435		2325		350							
NTZ 278*100ST7.0			1500	100	2705		2595		350							
NTZ 278*120ST7.0			1800	120	3070		2960		350							
* NTZ 278*150ST7.0	44,0	7,0	2200	150	3945	3/4"	3835	93 (EU)	600	2.875" - EU/NU		45	4.1/2"			
NTZ 278*165ST7.0			2400	165	4215		4105	88,9 (NU)	600							
* NTZ 278*180ST7.0			2600	180	4485		4375		600							
NTZ 278*200ST7.0			2900	200	5100		5640		600							
NTZ 278*240ST7.0			3500	240	5830		5720		600							
NTZ 278*300ST7.0			4400	300	6990		6880		600							
* NTZ 278*045ST10			700	45	1755		1645		350							
* NTZ 278*060ST10			870	60	2203		2093		350							
NTZ 278*065ST10			1000	65	2315		2205		350							
* NTZ 278*090ST10			1300	90	2875		2765		350							
NTZ 278*100ST10			1500	100	3211		3101		350							
NTZ 278*120ST10	62,9	10,0	1800	120	3659	7/8"	3549	93 (EU)	350	2.875" - EU/NU		45	4.1/2"			
* NTZ 278*150ST10			2200	150	4693		4583	88,9 (NU)	600							
NTZ 278*165ST10			2400	165	5029		4919		600							
NTZ 278*180ST10			2600	180	5365		5255		600							
NTZ 278*200ST10			2900	200	6112		6002		600							
NTZ 278*240ST10			3500	240	7008		6898		600							
NTZ 278*300ST10			4400	300	8464		8354		600							
* NTZ 278*045ST14			700	45	2135		2025		350							
NTZ 278*065ST14			1000	65	2885		2775		350							
NTZ 278*100ST14			1500	100	4085		3975		350							
NTZ 278*120ST14			1800	120	4685		4575		350							
* NTZ 278*150ST14	88,1	14,0	2200	150	6060	7/8"	5950	93 (EU)	600	2.875" - EU/NU		45	4.1/2"			
NTZ 278*165ST14			2400	165	6660		6550	88,9 (NU)	600							
NTZ 278*180ST14			2600	180	6960		6850		600							
NTZ 278*200ST14			2900	200	7860		7750		600							
NTZ 278*240ST14			3500	240	9060		8950		600							
NTZ 278*300ST14			4400	300	11385		11275		600							
NTZ 350*060ST16.4			870	60	2770		2175		350							
* NTZ 350*065ST16.4			1000	65	2920		2775		350							
* NTZ 350*090ST16.4			1300	90	3670		3525		350							
* NTZ 350*100ST16.4			1500	100	4120		3975		350							
NTZ 350*120ST16.4			1800	120	4720		4575	114,3 (EU)	350							
* NTZ 350*150ST16.4	103,2	16,4	2200	150	6095	1"	5950	106 (NU)	600	3.5" - EU/NU		56,6	13 lb/ft (NU)			
* NTZ 350*165ST16.4			2400	165	6695		6550		600							
* NTZ 350*180ST16.4			2600	180	6995		6850		600							
* NTZ 350*200ST16.4			2900	200	7895		7750		600							
NTZ 350*240ST16.4			3500	240	9095		8950		600							
* NTZ 350*300ST16.4			4400	300	11155		11010		600							
NTZ 350*065ST20			1000	65	2910		2765		350							
* NTZ 350*090ST20			1300	90	4030		3885		350							
NTZ 350*100ST20			1500	100	4190		4045		350							
NTZ 350*120ST20			1800	120	4990		4845		350							
* NTZ 350*150ST20	125,8	20,0	2200	150	6435	1"	6290	114,3 (EU)	600	3.5" - EU/NU		56,6	13 lb/ft (NU)			
NTZ 350*165ST20			2400	165	6755		6610	106 (NU)	600							
* NTZ 350*180ST20			2600	180	7395		7250		600							
NTZ 350*200ST20			2900	200	8035		7890		600							
NTZ 350*240ST20			3500	240	9635		9490		600							
NTZ 350*300ST20			4400	300	11631		11486		600							
* NTZ 350*045ST25			700	45	2270		2125		350							
NTZ 350*065ST25			1000	65	3070		2925		350							
* NTZ 350*100ST25			1500	100	4350		4205		350							
NTZ 350*120ST25			1800	120	4995		4850		350							
* NTZ 350*150ST25	157,2	25,0	2200	150	6435	1"	6290	114,3 (EU)	600	3.5" - EU/NU		56,6	13 lb/ft (NU)			
* NTZ 350*165ST25			2400	165	6915		6770	106 (NU)	600							
* NTZ 350*180ST25			2600	180	7395		7250		600							
* NTZ 350*200ST25			2900	200	8355		8210		600							
NTZ 350*240ST25			3500	240	9645		9500		600							
* NTZ 350*300ST25			4400	300	11790		11645		600							

2.3/8" - 5.8 lb/ft - First tubing above pump must be 2.7/8"

2.7/8" - 7.8 lb/ft - First tubing above pump must be 3.5"

15.1 lb/ft (NU) 4.1/2"
11.6 lb/ft (EU)

15.1 lb/ft (NU) 4.1/2"
11.6 lb/ft (EU)

15.1 lb/ft (NU) 4.1/2"
11.6 lb/ft (EU)

13 lb/ft (NU)
20 lb/ft (EU)

5"
5.1/2"

5"
5.1/2"



NETZSCH PUMP ST Model

NETZSCH Model	Rate		Pressure		Rotor Length (mm.)	Rotor Connection for Rod Size (in.) API	Stator Length (mm.)	Stator (refer to drawing for configuration)			Tubing		Casing Max. Weight	
	BPD/ (@100 rpm)	m ³ /d (@100 rpm)	Psi	Bar				Stator O.D. (mm.)	Stop Pin Length (mm.)	Stator Connection (API)**	Minimum Ø	Drift Ø (mm)		
* NTZ 400*045ST33			700	45	2670		2525							
NTZ 400*050ST33			730	50	2870		2725							
NTZ 400*060ST33			870	60	3370		3225							
* NTZ 400*065ST33			1000	65	3670		3525							
* NTZ 400*090ST33			1300	90	4670		4525							
NTZ 400*100ST33			1500	100	5270		5125							
* NTZ 400*120ST33	207,6	33,0	1800	120	6145	1"	6000	114,3 (NU)		4" - NU		59,6	5.1/2"	20 lb/ft
NTZ 400*150ST33			2200	150	7795		7650							
* NTZ 400*165ST33			2400	165	8595		8450							
NTZ 400*180ST33			2600	180	8995		8850							
NTZ 400*200ST33			2900	200	10195		10050							
* NTZ 400*240ST33			3500	240	11870		11725							
* NTZ 400*300ST33H			4400	300	11870		11725							
NTZ 400*050ST40			430	50	3178	1"	3033							
NTZ 400*060ST40			730	60	3634	1"	3489							
NTZ 400*080ST40			870	80	4774	1"	4629							
NTZ 400*100ST40			1500	100	5686	1"	5541							
NTZ 400*120ST40	251,6	40,0	1800	120	6673	1"	6528	114,3 (NU)		4" - NU		59,6	5.1/2"	20 lb/ft
NTZ 400*150ST40			2200	150	8519	1.1/8"	8374							
NTZ 400*180ST40			2600	180	10115	1.1/8"	9970							
NTZ 400*200ST40			2900	200	11027	1.1/8"	10882							
NTZ 400*300ST40H			4400	300	11786	1.1/8"	11641							
NTZ 400*060ST50			870	60	4180	1"	4035							
NTZ 400*090ST50			1300	90	6145	1"	6000							
NTZ 400*120ST50	314,5	50,0	1800	120	7765	1"	7620	114,3 (NU)		4" - NU		59,6	5.1/2"	20 lb/ft
NTZ 400*150ST50			2200	150	9980	1.1/8"	9835							
NTZ 400*180ST50			2600	180	11600	1.1/8"	11455							
* NTZ 400*200ST50H			2900	200	9980	1.1/8"	9835							
NTZ 400*060ST58			870	60	4870	1"	4725							
NTZ 400*090ST58			1300	90	7045	1"	6900							
* NTZ 400*100ST58	364,8	58,0	1500	100	7945	1"	7800	114,3 (NU)		4" - NU		59,6	5.1/2"	20 lb/ft
NTZ 400*120ST58			1800	120	9145	1.1/8"	9000							
NTZ 400*150ST58			2200	150	11570	1.1/8"	11425							
NTZ 400*180ST58			2600	180	13670	1.1/8"	13525							
NTZ 400*030ST62			435	30	2830	1"	2685							
NTZ 400*060ST62			870	60	4990	1"	4845							
* NTZ 400*090ST62	390,0	62,0	1300	90	7225	1"	7080	114,3 (NU)		4" - NU		59,6	5.1/2"	20 lb/ft
* NTZ 400*100ST62			1500	100	7945	1"	7800							
NTZ 400*120ST62			1800	120	9385	1.1/8"	9240							
NTZ 400*150ST62			2200	150	11870	1.1/8"	11725							
NTZ 400*180ST62			2600	180	11870	1.1/8"	11725							
NTZ 400*030ST78			430	30	2670		2525							
NTZ 400*060ST78			870	60	5070		4925							
NTZ 400*090ST78			1300	90	7145		7000							
* NTZ 400*100ST78	490,6	78,0	1500	100	7945	1.1/8"	7800	114,3 (NU)		4" - NU		59,6	5.1/2"	20 lb/ft
NTZ 400*120ST78			1800	120	9545	1.1/8"	9400							
* NTZ 400*130ST78			1900	130	10670		10525							
NTZ 400*150ST78			2200	150	11870		11725							
* NTZ 400*180ST78			2600	180	11870		11725							
NTZ 400*040ST95			580	40	4245		4100							
NTZ 400*080ST95	597,5	95,0	1200	80	7895	1.1/8"	7750	114,3 (NU)		4" - NU		59,6	5.1/2"	20 lb/ft
NTZ 400*120ST95			1800	120	11545		11400							
NTZ 400*060ST120	754,8	120,0	870	60	7995	1.1/8"	7850	114,3 (NU)		4" - NU		59,6	5.1/2"	20 lb/ft
NTZ 400*090ST120			1300	90	11695		11550							
NTZ 400*030ST170			430	30	4920		4775							
NTZ 400*072ST170	1069,2	170,0	1060	72	11020	1.1/8"	10875	114,3 (NU)		5.5" - LTC		59,6	5.1/2"	20 lb/ft
NTZ 550*065ST98			1000	65	4080		3885							
NTZ 550*100ST98			1500	100	6015		5820							
NTZ 550*130ST98	616,4	98,0	1900	130	7765	1.1/8"	7570	153,7		5.5" - LTC		97,4	7"	29 lb/ft
NTZ 550*150ST98			2200	150	8800		8605							
NTZ 550*195ST98			2830	195	11200		11005							
NTZ 550*210ST98			3050	210	11875		11680							
NTZ 550*060ST128			870	60	4464		4269							
NTZ 550*090ST128			1300	90	6411		6216							
NTZ 550*120ST128	805,1	128,0	1800	120	8283	1.1/8"	8088	153,7		5.5" - LTC		97,4	7"	29 lb/ft
NTZ 550*150ST128			2200	150	10480		10285							
NTZ 550*180ST128-H			2600	180	10480		10285							

* NTZ 400*120ST33, * NTZ 400*150ST40, * NTZ 400*180ST40, * NTZ 400*200ST40, * NTZ 400*300ST40H, * NTZ 400*090ST50, * NTZ 400*120ST50, * NTZ 400*150ST50, * NTZ 400*180ST50, * NTZ 400*200ST50H, * NTZ 400*090ST58, * NTZ 400*100ST58, * NTZ 400*120ST58, * NTZ 400*150ST58, * NTZ 400*180ST58, * NTZ 400*030ST62, * NTZ 400*060ST62, * NTZ 400*090ST62, * NTZ 400*100ST62, * NTZ 400*120ST62, * NTZ 400*150ST62, * NTZ 400*180ST62, * NTZ 400*030ST78, * NTZ 400*060ST78, * NTZ 400*090ST78, * NTZ 400*100ST78, * NTZ 400*130ST78, * NTZ 400*150ST78, * NTZ 400*180ST78, * NTZ 400*080ST95, * NTZ 400*120ST95, * NTZ 400*060ST120, * NTZ 400*090ST120, * NTZ 400*030ST170, * NTZ 400*072ST170, * NTZ 550*130ST98, * NTZ 550*150ST98, * NTZ 550*195ST98, * NTZ 550*210ST98, * NTZ 550*060ST128, * NTZ 550*090ST128, * NTZ 550*120ST128, * NTZ 550*150ST128, * NTZ 550*180ST128-H

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Pump Model	Rate	Pressure	Rotor	Stator (refer to drawing for configuration)				Tubing	Casing					
				Length (mm.)	Stator Length (mm.)	Stator O.D. (mm.)	Stop Pin Length (mm.)			Stator Connection (API)**				
NETZSCH Model	BPD/ (@100 rpm)	m ³ /d (@100 rpm)	Psi	Bar	Length (mm.)	Rotor Connection for Rod Size (in.) API	Stator Length (mm.)	Stator O.D. (mm.)	Stop Pin Length (mm.)	Stator Connection (API)**	Minimum Ø	Drift Ø (mm)	Minimum Ø	Max. Weight
NTZ 550*050ST145			730	50	4320		4125		350					
NTZ 550*100ST145	912,0	145,0	1500	100	7995	1.1/8"	7800	153,7	350	5.5" - LTC		97,4	7"	29 lb/ft
NTZ 550*150ST145			2200	150	11920		11725		600					
NTZ 550*060ST176			870	60	4920		4725		350					
NTZ 550*120ST176	1107,0	176,0	1800	120	9195	1.1/8"	9000	153,7	350	5.5" - LTC		97,4	7"	29 lb/ft
* NTZ 550*150ST176			2200	150	11620		11425		600					
NTZ 550*100ST200	1257,9	200,0	1500	100	8603	1.1/8"	8408	153,7	350	5.5" - LTC		97,4	7"	29 lb/ft
* NTZ 550*135ST200			1960	135	11856		11661		600					
NTZ 658*108ST330	2075,6	330,0	1570	108	10105	1.1/8"	9910	178	600	6.625" - BTC	4.1/2" 17 lb/ft - First tubing above pump must be 5.5"	115,4	8.5/8"	44 lb/ft
											5.1/2" 23 lb/ft - First tubing above pump must be 6.5/8"			

* Not Standard length

** Stator Connection on request

