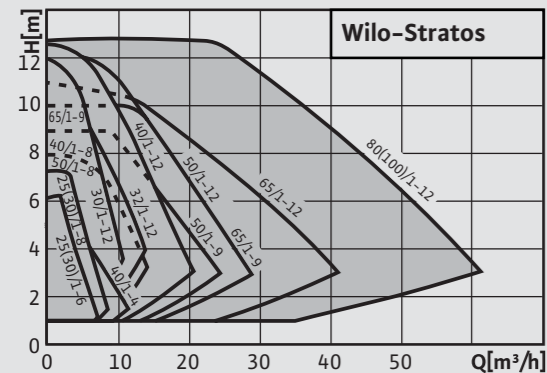


Wilo-Stratos type overview

Wilo-Stratos type overview																				
	Wilo						Grundfos						KSB				Biral			
	High-efficiency pumps	Installation length [mm]	Electrically controlled pumps	Installation length [mm]	Standard pumps	Installation length [mm]	Electrically controlled pumps	Installation length [mm]	Standard pumps	Installation length [mm]	Electrically controlled pumps	Installation length [mm]	Standard pumps	Installation length [mm]	Electrically controlled pumps	Installation length [mm]	Standard pumps	Installation length [mm]		
1"	Stratos 25/1-6	180			TOP-S 25/5 RP 25/100 r	180	UPE 25-40 UPE 25-60 Magna 25-60	180	UPS 25-25 UPS 25-30 UPS 25-40 UPS 25-50 UPS 25-60	180			Riovar 24-8	180	ME 13-1 ME 14-1	180 180	M 13-1 M 14-1	180 180		
	Stratos 25/1-8	180	TOP-E 25/1-7	180	TOP-S 25/7	180	Magna 25-100 UPE 25-80	180	UPS 25-80	180	Riotec 25-70	180	Rio 25-70	180	ME 15-1	180	M 15-1	180		
1½"	Stratos 30/1-6	180			TOP-S 30/4 TOP-S 30/5 RP 30/100 r	180	UPE 32-40 UPE 32-60 Magna 32-60	180	UPS 32-25 UPS 32-30 UPS 32-40 UPS 32-50 UPS 32-55 UPS 32-60	180			Riovar 34-8	180	ME 13-2 ME 14-2	180 180	M 13-2 M 14-2	180 180		
	Stratos 30/1-8	180	TOP-E 30/1-7	180	TOP-S 30/7	180	Magna 32-100 UPE 32-80 (F)	180	UPS 32-80 (F)	180	Riotec 30-70	180	Rio 30-70	180	ME 15-2	180	M 15-2	180		
	Stratos 30/1-12	180	TOP-E 30/1-10	180	TOP-S 30/10	180	UPE 32-80 F	180	UPS 32-80 F	180	Riotec 30-100 Rio-Eco 30-120	180 180	Rio 30-100	180	LXE 326	190 ³⁾	HX 322-2	180		
DN 32	Stratos 32/1-12	220					Magna UPE 32-120 F	220	UPS 32-120 F	220	Rio-Eco 32-120	220								
DN 40	Stratos 40/1-4	220	TOP-E 40/1-4 Star-E 40/1-5	220 220	TOP-S 40/4 P40/100r	220 250 ^{1c)}	UPE 40-80 F Magna UPE 400-100 ⁷⁾	250 ^{1c)}	UPS 40-50 F	250 ^{1c)}	Riotec 40-40	220	Rio 40-40 Riovar 44-8	220 250 ^{1c)}	LXE 403	250 ^{1c)}	LX 403	250 ^{1c)}		
	Stratos 40/1-8	220	TOP-E 40/1-10	250 ^{1c)}	TOP-S 40/7 P40/160r	250 ^{1c)} 320 ^{3a)}	Magna UPE 40-120 F	250 ^{1c)}	UPS 40-60/2 F UPS 40-60/4 F	250 ^{1c)} 250 ^{1c)}	Riotec 40-100 Rio-Eco 40-80	250 ^{1c)} 220	Rio 40-70 Riovar 44-18 D	250 ^{1c)} 320 ^{3a)}	HXE 402-1 LXE 403	250 ^{1c)} 250 ^{1c)}	HX 402-1	250 ^{1c)}		
	Stratos 40/1-12	250	TOP-E 40/1-10	250	TOP-S 40/10	250	Magna UPE 40-120 F	250	UPS 40-120 F	250	Riotec 40-100 Rio-Eco 40-120	250 250	Rio 40-100	250	HXE 402-1 LXE 403	250	HX 402	250		
DN 50	Stratos 50/1-8	240	Star-E 50/1-7 TOP-E 50/1-6	240 240	TOP-S 50/4 P 50/160r	240 ^{1c)} 340 ^{3a)}	Magna UPE 50-60 F UPE 50-80 F Magna UPE 50-100 ⁷⁾	280 ¹⁾	UPS 50-60/2 F UPS 50-60/4 F	280 ¹⁾ 280 ¹⁾	Riotec 50-60 Rio-Eco 50-80	240 240	Rio 50-40 Riovar 54-30 D	240 340 ^{3a)}	LXE 504	270 ^{1b)}				
	Stratos 50/1-9	280	TOP-E 50/1-7	280	TOP-S 50/7	280	Magna UPE 50-120 F	280	UPS 50-120/F	280	Riotec 50-70 Rio-Eco 50-90	280 280	Rio 50-70	280	HXC 501-1	280	HXC 501-1	280		
	Stratos 50/1-12	280	TOP-E 50/1-10	280	TOP-S 50/10	280			UPS 50-180/F	280	Riotec 50-100 Rio-Eco 50-120	280 280	Rio 50-100	280	HXC 501-1	280	HXC 502-1	280		
DN 65	Stratos 65/1-9	280	TOP-E 65/1-10	340 ²⁾	TOP-S 65/10 P 65/160r	340 ²⁾ 340 ²⁾	Magna UPE 65-60 F	340 ²⁾	UPS 65-60F	340 ²⁾	Riotec 65-100 Rio-Eco 65-90	340 ²⁾ 280	Rio 65-100 Riovar 64-48 D	340 ²⁾ 340 ²⁾	LXC 655	340 ²⁾	LXC 655	340 ²⁾		
	Stratos 65/1-12	340	TOP-E 65/1-10	340	TOP-S 65/10 P 65/160r	340 340	Magna UPE 65-120 F	340	UPS 65-120/F	340	Riotec 65-100	340	Rio 65-100 Riovar 64-48 D	340 340	LXC 655	340	LXC 655	340		
DN 80	Stratos 80/1-12	360	TOP-E 80/1-10	360	TOP-S 80/10 P 80/160r	360 360	UPE 80-120 F	360	UPS 80-120/F	360	Riotec 80-100	360	Rio 80-100 Riovar 84-75 D	360 360	LC 805	400 ⁶⁾	L 804	400 ⁶⁾		
DN 100	Stratos 100/1-12	360	TOP-E 100/1-10	360	TOP-S 100/10 P 100/160r	360 395 ⁴⁾	UPE 100-60 F	450 ⁵⁾	UPS 100-30/F	450 ⁵⁾	Riotec 100-100	360	Rio 100-100 Riovar 104-110 D	360 395 ⁴⁾	LC 1003	450 ⁵⁾	L 1002	450 ⁵⁾		

Required adapters and pipeline modifications 1) 2x F3 1a) Modify pipeline 1b) 1x F4 1c) 1x F1 2) 2x F11 3) Compensate with seals 4) 1x F34 5) 1x F35 and 1x F34 6) 1x F18 7) No installation length specified

Wilo-Stratos technical data



Pump type	Pipe connections	Installation length [mm]	Operating pressure P_{max} [bar]	Power consumption P_i [W]	Current consumption I [A]
Stratos 25(30) 1-6	Rp 1 (Rp 1 1/4) (screw connection)	180	10	9-85	0.13-0.78
Stratos 25(30) 1-8	Rp 1 (Rp 1 1/4) (screw connection)	180	10	9-130	0.13-1.20
Stratos 30/1-12*)	Rp 1 1/4 (screw connection)	180	10	16-310	0.16-1.37
Stratos 32/1-12*)	DN 32 (combined flange PN 6/10)	220	6/10	16-310	0.16-1.37
Stratos 40/1-4	DN 40 (combined flange PN 6/10)	220	6/10	14-130	0.16-1.20
Stratos 40/1-8*)	DN 40 (combined flange PN 6/10)	220	6/10	18-310	0.17-1.37
Stratos 40/1-12*)	DN 40 (combined flange PN 6/10)	250	6/10	21-450	0.16-2.01
Stratos 50/1-8*)	DN 50 (combined flange PN 6/10)	240	6/10	18-310	0.17-1.37
Stratos 50/1-9*)	DN 50 (combined flange PN 6/10)	280	6/10	21-430	0.16-1.88
Stratos 50/1-12*)	DN 65 (combined flange PN 6/10)	280	6/10	21-620	0.16-2.70
Stratos 65/1-9*)	DN 65 (combined flange PN 6/10)	280	6/10	21-620	0.16-2.70
Stratos 65/1-12	DN 65 (combined flange PN 6/10)	340	6/10	38-800	0.28-3.50
Stratos 80/1-12	DN 80 (flange PN 6)	360	6**)	40-1550	0.30-6.80
Stratos 100/1-12	DN 100 (flange PN 6)	360	6**)	40-1550	0.30-6.80

Temperature range: -10°C up to +110°C
Electrical connection: 1-230 V, 50 Hz, *) also 60 Hz

** Special design: PN 10

WILO

Pumpen Intelligenz.

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WILO

Pumpen Intelligenz.

Wilo-Stratos high-efficiency pump.

Type overview.



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Belarus WILO Bel OOO T +375 17 2503393	France WILO S.A.S. T +33 1 30050930	Lebanon WILO SALMSON T +961 4 722280	Slovakia WILO Slovakia s.r.o. T +421 2 45520122
Belgium WILO NV/SA T +32 2 4823333	Great Britain WILO (U.K.) Ltd. T +44 1283 523000	Lithuania WILO Lietuva UAB T +370 5 2136495	Slovenia WILO Adriatic d.o.o. T +386 1 5838130
Bulgaria WILO Bulgaria EOOD T +359 2 9701970	Greece WILO Hellas AG T +302 10 6248300	The Netherlands WILO Nederland b.v. T +31 251 220844	Spain WILO Ibérica S.A. T +34 91 8797100
Canada WILO Canada Inc. T +1 403 2769456	Hungary WILO Magyarország Kft T +36 23 889500	Norway WILO Norge A/S T +47 22 804570	Sweden WILO Sverige AB T +46 470 727600
China WILO SALMSON (Beijing) T +86 10 80493900	Ireland WILO Engineering Ltd. T +353 61 227566	Poland WILO Polska Sp. z o.o. T +48 22 7026161	Switzerland EMB Pumpen AG T +41 61 8368020
Croatia WILO Hrvatska d.o.o. T +38 51 3430914	Italy WILO Italia s.r.l. T +39 2 5538351	Portugal Bombas Wilo-Salmson T +351 22 2080350	Turkey WILO Pompa Sistemleri T +90 216 6610211
Czech Republic WILO Praha s.r.o. T +420 234 098 711	Kazakhstan WILO Central Asia TOO T +7 3272 785961	Romania WILO Romania s.r.l. T +40 21 4600612	Ukraine WILO Ukraina t.o.w. T +38 044 2011870
Denmark WILO Danmark A/S T +45 70 253312	Korea WILO Pumps Ltd. T +82 55 3405809	Russia WILO Rus o.o.o. T +7 095 7810690	USA WILO USA LLC T +1 403 2769456

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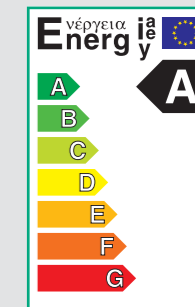
Oktober 2005

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Wilo-Stratos high-efficiency pump:

The reference in energy class A.

Already in 2001, the Wilo-Stratos made the quantum leap to become the world's first high-efficiency pump, thus defining the reference class for the new energy label.



Efficient.

- > Twice the efficiency thanks to ECM (Electronic Commutated Motor) technology
- > Integrated automatic power control (p-c, p-v, p-T) reduces current consumption by up to 80%



Functional.

- > Variable module and installation lengths for easy assembly
- > Reliable adjustment by means of the proven red button mechanism
- > Capable of communication for building automation



Flexible.

- > The first wet-running pump with an integrated control for refrigeration and air-conditioning
- > Application range from -10°C to +110°C