

JOB:

REPRESENTATIVE:

UNIT TAG:

ORDER NO.

DATE:

ENGINEER:

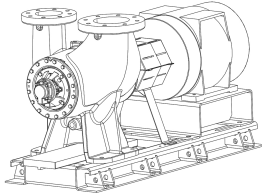
SUBMITTED BY:

DATE:

CONTRACTOR:

APPROVED BY:

DATE:



Model VSC 8x10x17¹/₂B Double Suction Split Case Pump



SPECIFICATIONS

FLOW _____ HEAD _____

HP _____ RPM _____

VOLTS _____

CYCLE _____ PHASE _____

ENCLOSURE _____

APPROX. WEIGHT _____

SPECIALS _____

STANDARD MATERIALS OF CONSTRUCTION

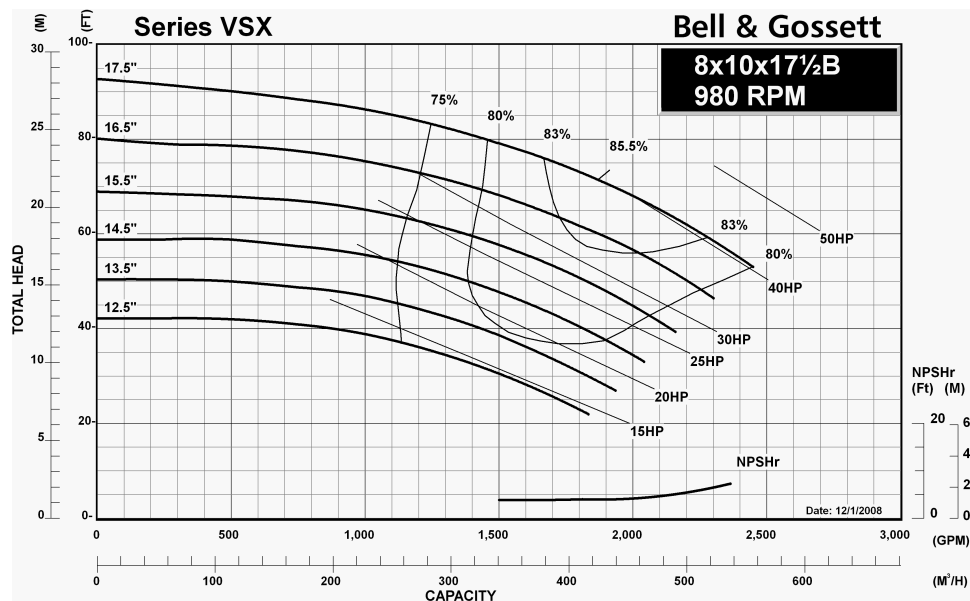
- ☒ Cast Iron Bronze Fitted
- ☒ Heavy Duty Maintenance Free Bearings
- ☒ Alignment Friendly Coupling
- ☒ Heavy Duty Groutless Baseplate
- ☒ ANSI/OSHA Coupling Guard
- ☒ ISO 1940-1:2003 Impeller Balance

OPTIONAL MATERIALS OF CONSTRUCTION

- ☐ Galvanized Drip Pan
- ☐ Spacer Coupling

TYPE OF SEAL AND WORKING PRESSURE

- ☐ **Standard:** 175 PSIG (12 BAR) max. working pressure, flat face flanges, 125# ANSI flange drilling, Unitized mechanical seal, EPR/Carbon/Silicon Carbide, 160 PSIG (10.9 BAR) max. suction pressure, 0 to 300°F (-18 to 149°C)
- ☐ **Optional:** 300 PSIG (20 BAR) max. working pressure, flat face flanges, 250# ANSI flange drilling, Unitized mechanical seal, EPR/Carbon/Silicon Carbide, 160 PSIG (10.9 BAR) max. suction pressure, 0 to 300°F (-18 to 149°C)
- ☐ **Optional:** 300 PSIG (20 BAR) max. working pressure, flat face flanges, 250# ANSI flange drilling, balanced mechanical seal, EPR/Graphite loaded Silicon Carbide on Graphite loaded Silicon Carbide, 300 PSIG (20 BAR) max. suction pressure, 0 to 300°F (-18 to 149°C)



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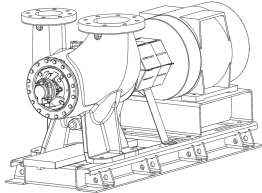
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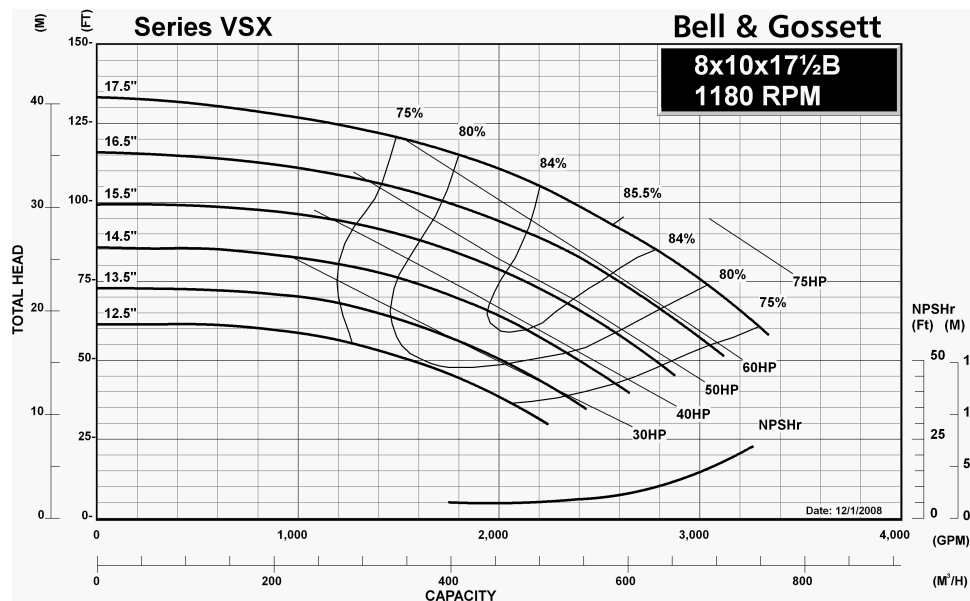
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- ☐ **Optional:** 300 PSIG (20 BAR) max. working pressure, flat face flanges, 250# ANSI flange drilling, Unitized mechanical seal, EPR/Carbon/Silicon Carbide, 160 PSIG (10.9 BAR) max. suction pressure, 0 to 300°F (-18 to 149°C)
- ☐ **Optional:** 300 PSIG (20 BAR) max. working pressure, flat face flanges, 250# ANSI flange drilling, balanced mechanical seal, EPR/Graphite loaded Silicon Carbide on Graphite loaded Silicon Carbide, 300 PSIG (20 BAR) max. suction pressure, 0 to 300°F (-18 to 149°C)



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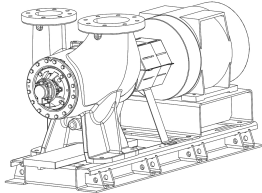
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Model VSC 8x10x17¹/₂B Double Suction Split Case Pump



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APPROX. WEIGHT _____

SPECIALS _____

STANDARD MATERIALS OF CONSTRUCTION

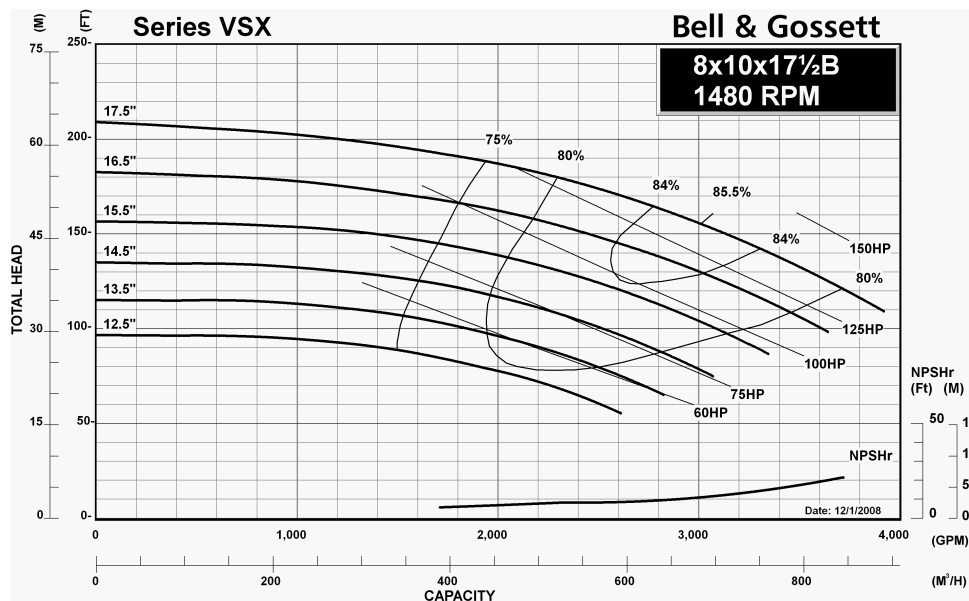
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- ☐ **Optional:** 300 PSIG (20 BAR) max. working pressure, flat face flanges, 250# ANSI flange drilling, Unitized mechanical seal, EPR/Carbon/Silicon Carbide, 160 PSIG (10.9 BAR) max. suction pressure, 0 to 300°F (-18 to 149°C)
- ☐ **Optional:** 300 PSIG (20 BAR) max. working pressure, flat face flanges, 250# ANSI flange drilling, balanced mechanical seal, EPR/Graphite loaded Silicon Carbide on Graphite loaded Silicon Carbide, 300 PSIG (20 BAR) max. suction pressure, 0 to 300°F (-18 to 149°C)



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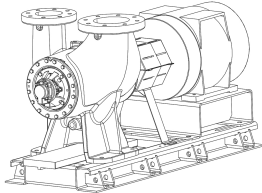
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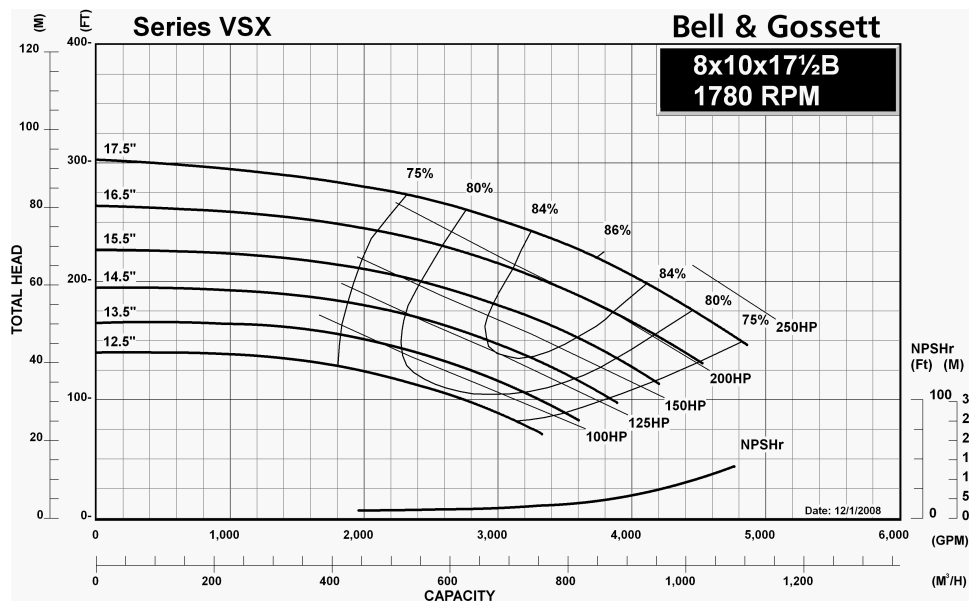
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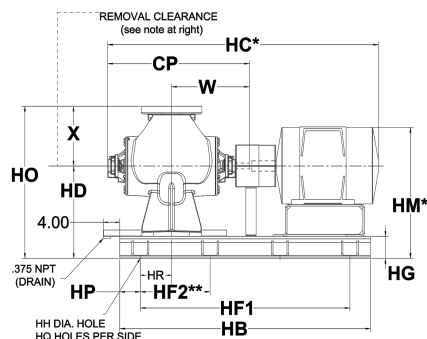
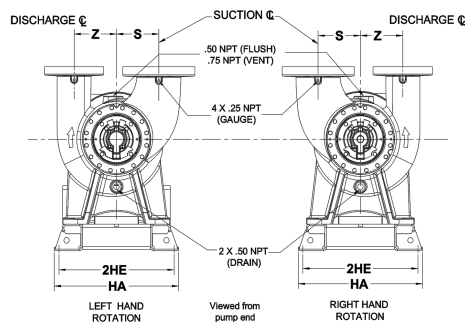
OPTIONAL MATERIALS OF CONSTRUCTION

- ☐ Galvanized Drip Pan
- ☐ Spacer Coupling

TYPE OF SEAL AND WORKING PRESSURE

- ☐ **Standard:** 175 PSIG (12 BAR) max. working pressure, flat face flanges, 125# ANSI flange drilling, Unitized mechanical seal, EPR/Carbon/Silicon Carbide, 160 PSIG (10.9 BAR) max. suction pressure, 0 to 300°F (-18 to 149°C)
- ☐ **Optional:** 300 PSIG (20 BAR) max. working pressure, flat face flanges, 250# ANSI flange drilling, Unitized mechanical seal, EPR/Carbon/Silicon Carbide, 160 PSIG (10.9 BAR) max. suction pressure, 0 to 300°F (-18 to 149°C)
- ☐ **Optional:** 300 PSIG (20 BAR) max. working pressure, flat face flanges, 250# ANSI flange drilling, balanced mechanical seal, EPR/Graphite loaded Silicon Carbide on Graphite loaded Silicon Carbide, 300 PSIG (20 BAR) max. suction pressure, 0 to 300°F (-18 to 149°C)





FLANGE DIMENSIONS IN INCHES (MM)			
	SIZE	THICKNESS	O.D.
Discharge	8"	1.81 (46)	14.75 (375)
Suction	10"	2.06 (52)	17 (432)

FLANGES ARE DRILLED 125# ANSI - STANDARD
250# ANSI - AVAILABLE

DIMENSIONS IN INCHES (MM)		
S	X	Z
12.61 (320)	21 (533)	12.61 (320)

Removal clearance from end
of bracket: 26 Inches (660 mm)

STANDARD COUPLER

*Motor dimensions are approximate and vary by manufacturer and motor type.

**Distance to the next available hole.

MOTOR FRAME	DIMENSIONS - INCHES (mm) FOR PUMPS WITH STANDARD COUPLER															
	CP	HA	HB	HC* MAX.	HD	2HE	HF ₁	HF ₂ **	HG	HH	HM* MAX.	HO	HP	HQ	HR	W
324T/TS	42.12 (1070)	41 (1041)	91 (2311)	73.37 (1864)	29.5 (749)	39.12 (994)	81 (2057)	20.25 (514)	7 (178)	1.13 (29)	38.07 (967)	50.5 (1283)	5 (127)	5	14.75 (375)	23.56 (598)
326T/TS	42.12 (1070)	41 (1041)	91 (2311)	74.49 (1892)	29.5 (749)	39.12 (994)	81 (2057)	20.25 (514)	7 (178)	1.13 (29)	38.6 (980)	50.5 (1283)	5 (127)	5	14.75 (375)	23.56 (598)
364T/TS	42.12 (1070)	41 (1041)	91 (2311)	76.829 (1951)	29.5 (749)	39.12 (994)	81 (2057)	20.25 (514)	7 (178)	1.13 (29)	39.45 (1002)	50.5 (1283)	5 (127)	5	14.75 (375)	23.56 (598)
365T/TS	42.12 (1070)	41 (1041)	91 (2311)	76.829 (1951)	29.5 (749)	39.12 (994)	81 (2057)	20.25 (514)	7 (178)	1.13 (29)	39.45 (1002)	50.5 (1283)	5 (127)	5	14.75 (375)	23.56 (598)
404T/TS	42.12 (1070)	41 (1041)	91 (2311)	79.43 (2018)	29.5 (749)	39.12 (994)	81 (2057)	20.25 (514)	7 (178)	1.13 (29)	39.97 (1015)	50.5 (1283)	5 (127)	5	14.75 (375)	23.56 (598)
405T/TS	42.12 (1070)	41 (1041)	91 (2311)	81.43 (2068)	29.5 (749)	39.12 (994)	81 (2057)	20.25 (514)	7 (178)	1.13 (29)	39.97 (1015)	50.5 (1283)	5 (127)	5	14.75 (375)	23.56 (598)
444T/TS	42.12 (1070)	41 (1041)	91 (2311)	86.896 (2207)	29.5 (749)	39.12 (994)	81 (2057)	20.25 (514)	7 (178)	1.13 (29)	45.02 (1144)	50.5 (1283)	5 (127)	5	14.75 (375)	23.56 (598)
445T/TS	42.12 (1070)	41 (1041)	91 (2311)	88.5 (2248)	29.5 (749)	39.12 (994)	81 (2057)	20.25 (514)	7 (178)	1.13 (29)	45.02 (1144)	50.5 (1283)	5 (127)	5	14.75 (375)	23.56 (598)
447T/TS	42.12 (1070)	41 (1041)	96 (2438)	94.98 (2412)	29.5 (749)	39.12 (994)	86 (2184)	17.2 (437)	7 (178)	1.13 (29)	43.38 (1102)	50.5 (1283)	5 (127)	6	14.75 (375)	23.56 (598)
449T/TS	42.12 (1070)	41 (1041)	96 (2438)	95.68 (2430)	29.5 (749)	39.12 (994)	86 (2184)	17.2 (437)	7 (178)	1.13 (29)	43.38 (1102)	50.5 (1283)	5 (127)	6	14.75 (375)	23.56 (598)

Dimensions are subject to change. Not to be used for construction purposes unless certified.

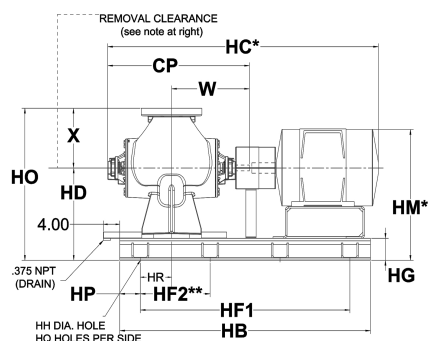
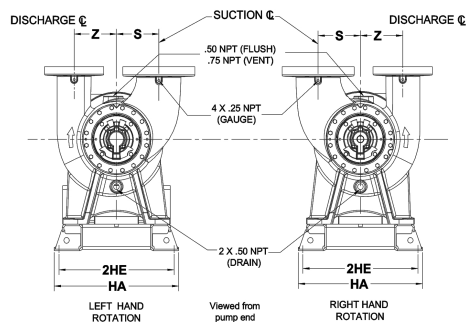
Units may be built where foot/feet overhang the motor mounting platform. If overhang is unacceptable, consult factory for a custom submittal, quotation and/or lead time. A certified motor drawing will be required.

† For all customer supplied motors above 449 NEMA frame, a certified motor drawing must be supplied by the customer at the time of order entry.

‡ Submittal dimensions for motor frames above 449 NEMA are specific to ODP U.S. Electric Motors Only.

Xylem Inc.
8200 N. Austin Avenue
Morton Grove, IL 60053
Phone: (847)966-3700
Fax: (847)965-8379
www.bellgossett.com

xylem
Let's Solve Water



FLANGE DIMENSIONS IN INCHES (MM)			
	SIZE	THICKNESS	O.D.
Discharge	8"	1.81 (46)	14.75 (375)
Suction	10"	2.06 (52)	17 (432)

FLANGES ARE DRILLED 125# ANSI - STANDARD
250# ANSI - AVAILABLE

DIMENSIONS IN INCHES (MM)		
S	X	Z
12.61 (320)	21 (533)	12.61 (320)

Removal clearance from end
of bracket: 26 Inches (660 mm)

SPACER COUPLER

*Motor dimensions are approximate and vary by manufacturer and motor type.

**Distance to the next available hole.

MOTOR FRAME	DIMENSIONS - INCHES (mm) FOR PUMPS WITH SPACER COUPLER															
	CP	HA	HB	HC* MAX.	HD	2HE	HF ₁	HF ₂ **	HG	HH	HM* MAX.	HO	HP	HQ	HR	W
324T/TS	42.12 (1070)	41 (1041)	96 (2438)	86.37 (2194)	29.5 (749)	39.12 (994)	86 (2184)	17.2 (437)	7 (178)	1.13 (29)	38.07 (967)	50.5 (1283)	5 (127)	6	14.75 (375)	23.56 (598)
326T/TS	42.12 (1070)	41 (1041)	96 (2438)	87.49 (2222)	29.5 (749)	39.12 (994)	86 (2184)	17.2 (437)	7 (178)	1.13 (29)	38.6 (980)	50.5 (1283)	5 (127)	6	14.75 (375)	23.56 (598)
364T/TS	42.12 (1070)	41 (1041)	96 (2438)	89.329 (2269)	29.5 (749)	39.12 (994)	86 (2184)	17.2 (437)	7 (178)	1.13 (29)	39.45 (1002)	50.5 (1283)	5 (127)	6	14.75 (375)	23.56 (598)
365T/TS	42.12 (1070)	41 (1041)	96 (2438)	89.329 (2269)	29.5 (749)	39.12 (994)	86 (2184)	17.2 (437)	7 (178)	1.13 (29)	39.45 (1002)	50.5 (1283)	5 (127)	6	14.75 (375)	23.56 (598)
404T/TS	42.12 (1070)	41 (1041)	105 (2667)	91.93 (2335)	29.5 (749)	39.12 (994)	95 (2413)	19 (483)	7 (178)	1.13 (29)	39.97 (1015)	50.5 (1283)	5 (127)	6	14.75 (375)	23.56 (598)
405T/TS	42.12 (1070)	41 (1041)	105 (2667)	93.93 (2386)	29.5 (749)	39.12 (994)	95 (2413)	19 (483)	7 (178)	1.13 (29)	39.97 (1015)	50.5 (1283)	5 (127)	6	14.75 (375)	23.56 (598)
444T/TS	42.12 (1070)	41 (1041)	105 (2667)	99.396 (2525)	29.5 (749)	39.12 (994)	95 (2413)	19 (483)	7 (178)	1.13 (29)	45.02 (1144)	50.5 (1283)	5 (127)	6	14.75 (375)	23.56 (598)
445T/TS	42.12 (1070)	41 (1041)	105 (2667)	101 (2565)	29.5 (749)	39.12 (994)	95 (2413)	19 (483)	7 (178)	1.13 (29)	45.02 (1144)	50.5 (1283)	5 (127)	6	14.75 (375)	23.56 (598)
447T/TS	42.12 (1070)	41 (1041)	105 (2667)	107.48 (2730)	29.5 (749)	39.12 (994)	95 (2413)	19 (483)	7 (178)	1.13 (29)	43.38 (1102)	50.5 (1283)	5 (127)	6	14.75 (375)	23.56 (598)
449T/TS	42.12 (1070)	41 (1041)	105 (2667)	108.18 (2748)	29.5 (749)	39.12 (994)	95 (2413)	19 (483)	7 (178)	1.13 (29)	43.38 (1102)	50.5 (1283)	5 (127)	6	14.75 (375)	23.56 (598)

Dimensions are subject to change. Not to be used for construction purposes unless certified.

Units may be built where foot/feet overhang the motor mounting platform. If overhang is unacceptable, consult factory for a custom submittal, quotation and/or lead time. A certified motor drawing will be required.

These dimensions are valid when using the Woods Duraflex spacer coupling option. For dimensions on Falk SteelFlex coupling options, consult factory for a special submittal drawing.

† For all customer supplied motors above 449 NEMA frame, a certified motor drawing must be supplied by the customer at the time of order entry.

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