

## Technical Data Vertical In-line Pump - EGM80-6513-02204

Creater:

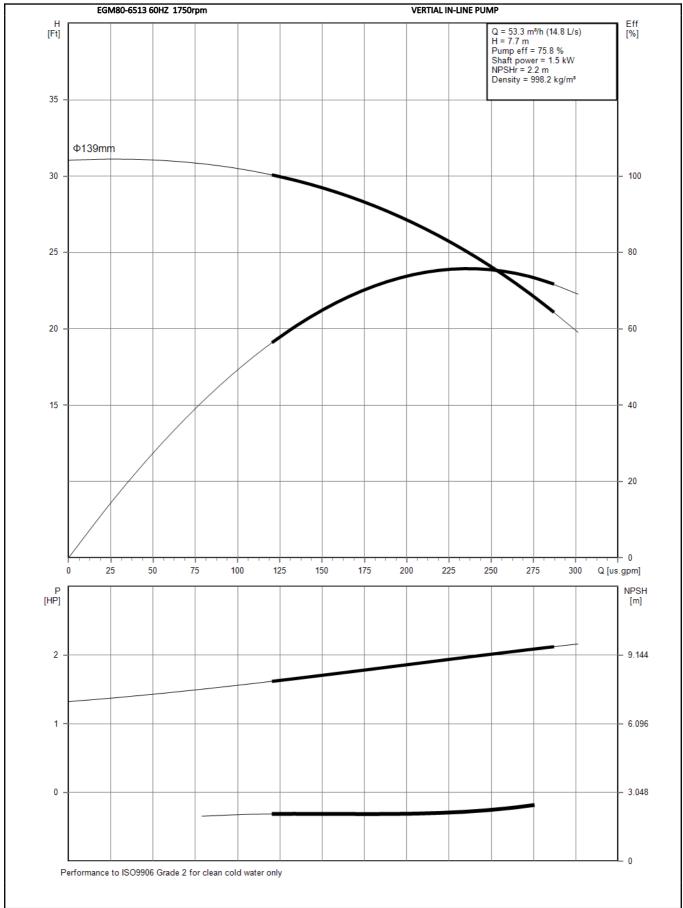
Date:2025-02-06

				Date:2025-	02-00
Liquid					
Pumped liquid	water				
Liquid temperature range	-15~85				
Selected liquid temperature	20				
Density	1000	kg/m³			
Kinematic viscosity	1	mm²/s			
Technical		•			
Pump type	EGM80-6513				
Flow	53.3	us.gpm	Max.Flow	287.1	us.gpm
Head	7.7	m	Min.flow	120.21	us.gpm
Rated Speed	1750	rpm	Efficiency	-	%
NPSH		m	Shaft Power		kW
Inlet pressure		m	Max.operating pressure		m
Shut off head	31.0	Ft	Rotation direction	clockw	
Impeller nom	139	mm	Actual impeller diameter	139.0	mm
Material			Actual imperior diameter	133.0	
Casing	HT200				
Impeller	HT200				
Wear ring	HT250				
Shaft	45#				
Shaft Seal					
Model	MG1		Dimensions	24	mm
Material	Carbon/SiC/vi	ton	Diricisions	2-7	
Installation	Carbony Sic/ Vi	1011			
Range of ambient temperature	-15~40°C				
Maximum operating pressure	10 bar				
Flange standard	GB/T17241.6				
Pressure rating for connection	PN16				
Pump Inlet	80				
Pump Outlet	80				
Electrical data					
Motor type					
IE Efficiency class	IE2				
Rated power	2.2kW				
Mains frequency	60Hz				
Motor mounting codes	V1				
Rated voltage	380V				
Rated voltage	300 V				
Starting Current					
Power factor					
Rated Speed					
Motor efficiency at full load		%			
Brand		/0			
Number of poles	4				
Insulation class (IEC 85)	F				
Enclosure class (IEC 34-5)	r IP55				
Weight	IF33				
i -	4.4	ka			
pump	44	kg			
Motor Total weight	4.4	kg			
Total weight	44	kg			



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Liquid				
Pumped liquid	water			
Liquid temperature range	-15~85			
Selected liquid temperature	20		H Q = 53.3 m <sup>3</sup> h (14.8 L/s) [%] H = 7.7 m	
Density	1000	kg/m³	H	
Kinematic viscosity	1	mm²/s	35 — Density = 996.2 kg/m²	
Technical			Ф139mm	
Model	EGM80-6513		30 -	
Flow	53.3	us.gpm		
Head	7.7	m	25 - 80	
Rated Speed	1750	rpm		
NPSH		m	20	
Inlet pressure		m		
Shut off head	31.0	Ft	15 - 40	
Impeller nom	139	mm		
Material			20	
Casing	HT200			
Impeller	HT200			
Wear ring	HT250		0 25 50 75 100 125 150 175 200 225 250 275 300 Q [us.gpm]	
Shaft	45#		P P NPSH m	
Shaft Seal			2 9.144	
Model	MG1		3.144	
Dimensions	24	mm		
Material			1 - 6.096	
Installation				
Range of ambient temperature	-15~40°C		3,048	
Maximum operating pressure	10 bar			
Flange standard	GB/T17241.6			
Pressure rating for connection	PN16		Performance to ISO9906 Grade 2 for clean cold water only	
Pump Inlet	80			
Pump Outlet	80			
Motor			Inlet	
Motor type			Ø160	
IE Efficiency class	IE2		DN80	
Rated power	2.2kW		8-\$18	
Mains frequency	60Hz			
Motor mounting codes	V1			
Rated voltage	380V			
Rated current				
Starting Current			Ø200	
Power factor				
Rated Speed				
Motor efficiency at full load	%		Outlet	
Brand				
Number of poles	4		Ø160 DN80	
Insulation class (IEC 85)	F		8-\$18	
Enclosure class (IEC 34-5)	IP55			
Weight	11 33			
pump	44	Kg		
Motor	77	Kg	Ø200	
Total weight	44	Kg Kg		
Total Weight		- 15		