

Hydraulic Oil Cylinder Pumps (70MPa)

▼HE Heavy Duty Electric Hydraulic Pumps



HE series

Maximum output pressure : 70MPa

Motor size : 1.1KW-7.5KW

Low pressure flow : 7-20L/Min

High pressure flow : 0.7-4.2L/Min

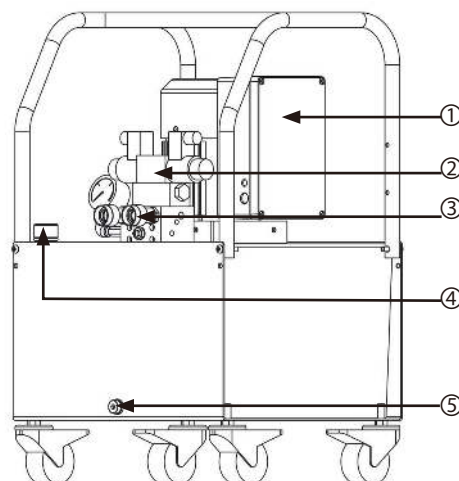
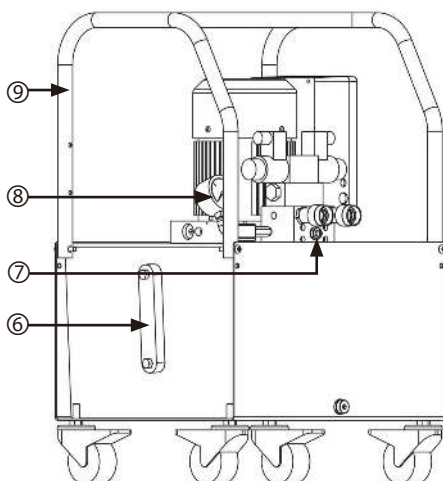
Reservoirs capacity : 10-200L

- IEC brushless motor, maintenance-free
- Gear pump+radial piston pump two-stage pump structure, high efficiency
- Motor pump head integrated design, light weight
- 75dB ultra-low noise
- Built-in safety valve, External adjustable relief valve
- Standard pressure gauge, threaded Oil Drain quick connector
- Standard visual Sight Glass, fuel outlet air filter, Oil Drain plug
- Standard pump start/stop switch, power plug cable
- Optional configuration: wire control handle, fuel tank lockable caster, protection frame, air cooled radiator, multiple valve groups, different operating voltages, etc

▼ HE series Type Specification Sheet:

Model Numbe	Optional voltage(VAC)	Power phase number	Motor size (KW)	Low pressure flow (L/Min)	High pressure flow (L/Min)
HE4	230/115	1	1.1	7	0.7
HE5	230/115	1	1.5	9	1
HE6	380/230	3	1.5	9	1
HE7	380/230	3	2.2	12	1.5
HE83	380/230/440	3	3	12	1.8
HE84	380/230/440	3	4	12	2.3
HE95	380/230/440	3	5.5	20	3
HE97	380/230/440	3	7.5	20	4.2

▼ HE Series Product Illustration:



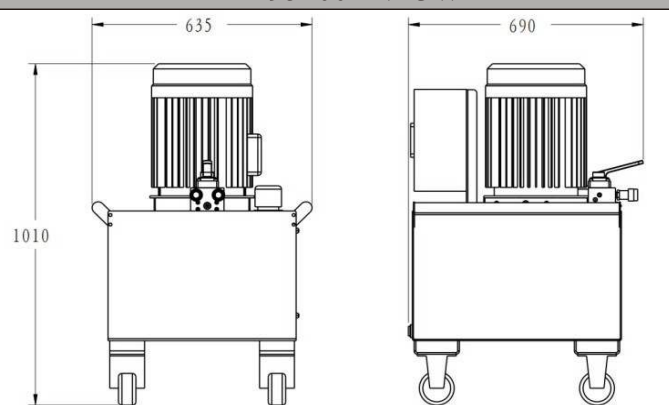
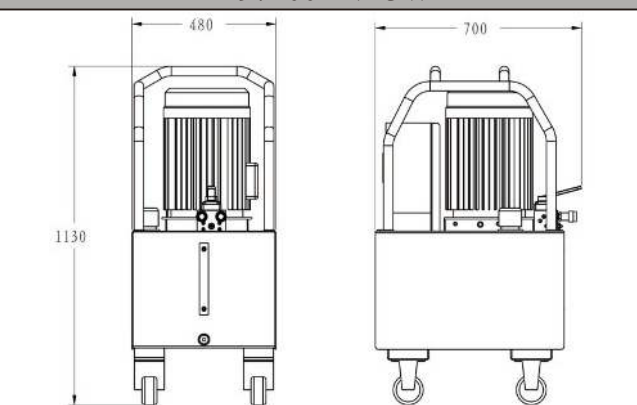
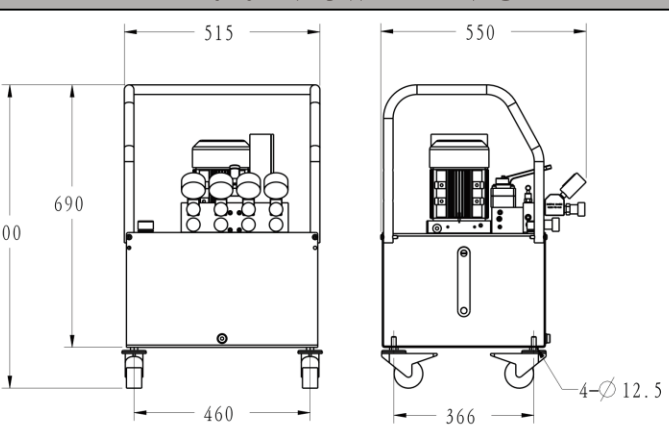
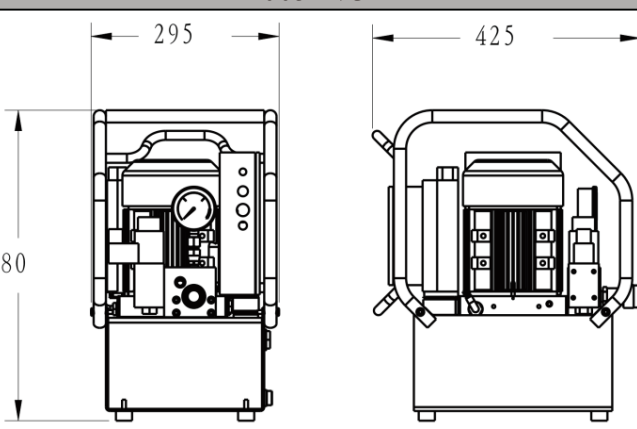
NO	Name
1	Electric Box
2	Solenoid Directional Valve
3	Couplers
4	Refueling And Exhaust Outlet
5	Oil Drain
6	Sight Glass
7	Relief Valve
8	Gauge
9	Protected Framework

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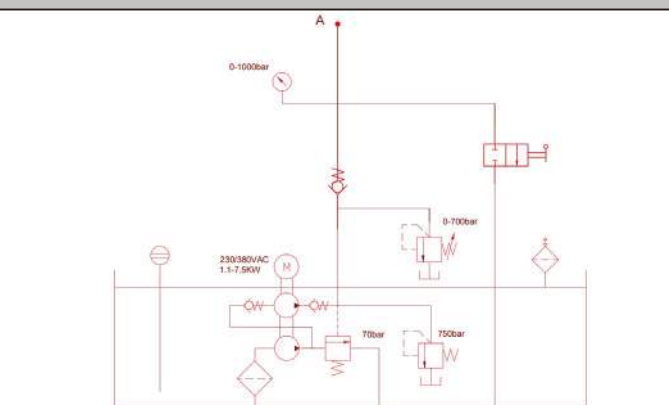
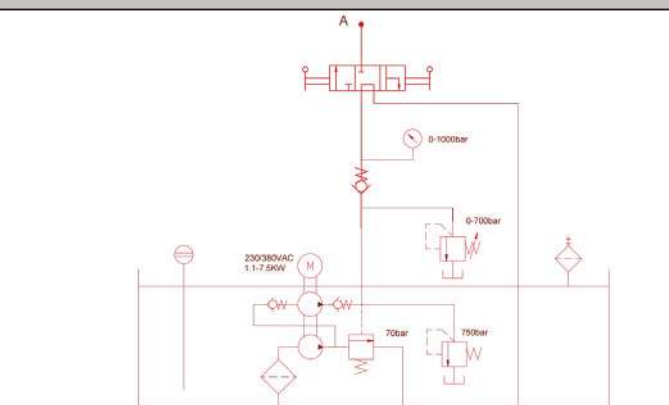
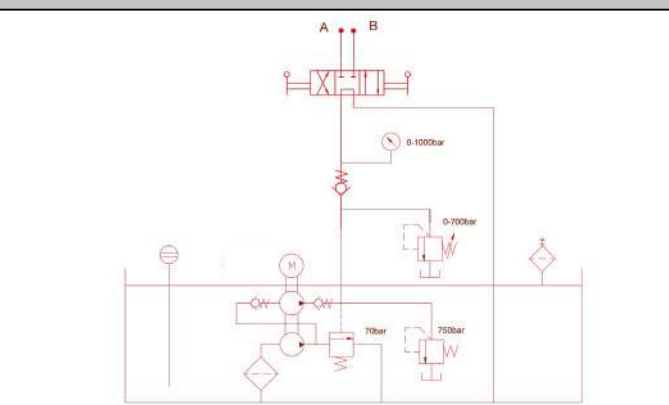
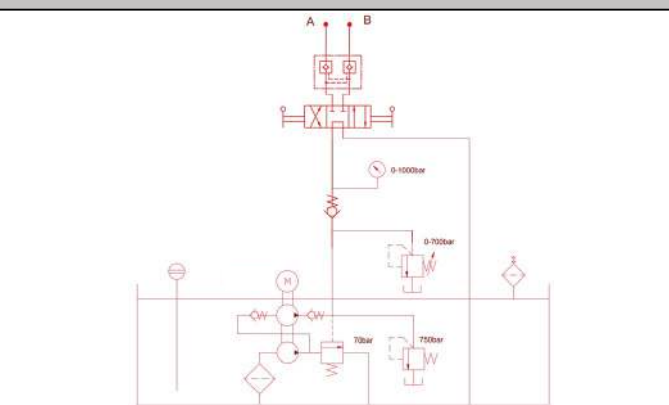
▼ HE series commonly used models outline size diagram:

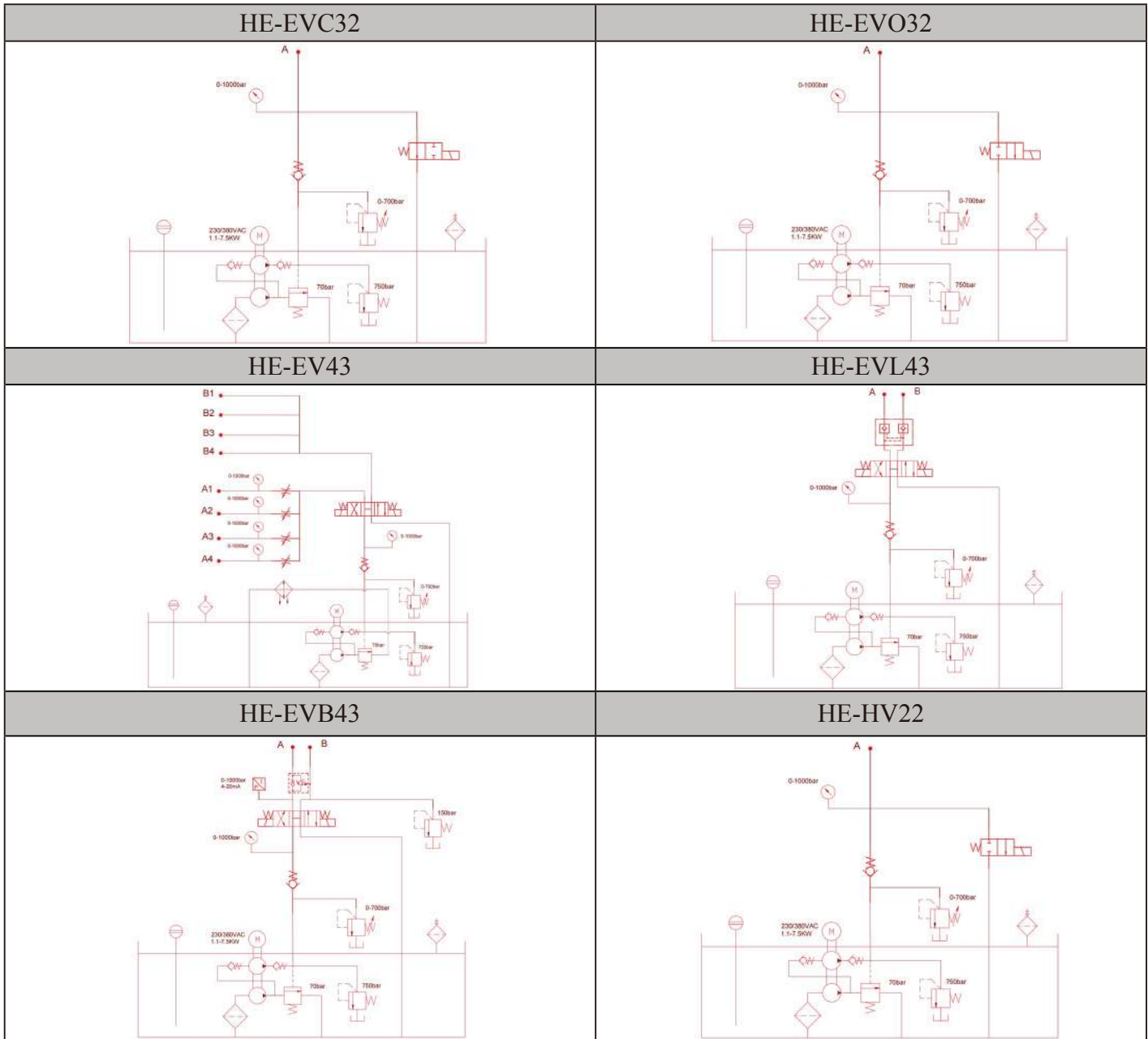
HE4010MV43W	HE4010EVL43WLR
HE7020MV43W	HE7020MV43WL
HE7040EVL43W	HE7040EVL43WL
HE7080MV43W	HE84060MV43WL

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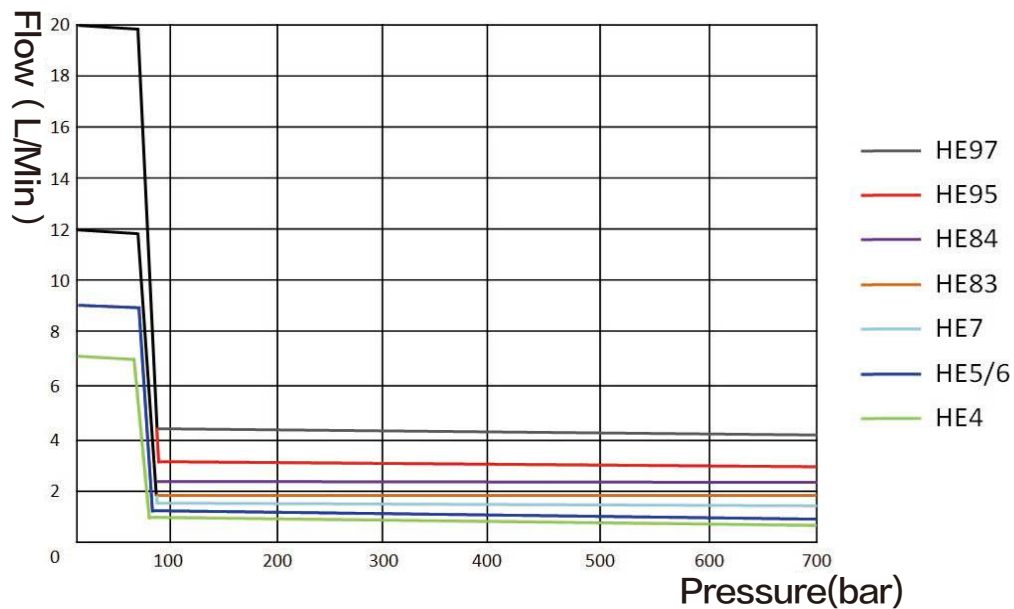
HE95100MV43W 	HE97100MV43WL 
HE4040MV43WLR-4DV-GA 	HE4005EV32FLR 

▼ Hydraulic schematic diagram :

HE-MV32 	HE-MV33 
HE-MV43 	HE-MVL43 



▼ HE series pressure flow curve:



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▼ He Series Selection Table Tools:

Power Selection	Tank Capacity	Valve Function	Caster	Air-cooled Radiator	Protected Framework	Control way	Multi-way Valve	Relief Valve	Voltage
▪HE4	▪10	▪MV32	▪Blank	▪ Blank	▪Blank	▪Blank	▪Blank (without multiple valves)	▪ Blank	▪ Blank (GB)
▪HE5	▪20	▪MV33	(without casters)	(no air cooled radiator)	(standard handling handle)	(with pump start-stop switch)	▪-2SV(2-way single acting needle valve)	▪ Relief Valve (PRV)	▪230/60 (single-phase 230V,60HZ)
▪HE6	▪40	▪MV43		▪F(Configured radiator)			▪-2DV(2-way double acting needle valve)		▪440/60 (three-phase 440V,60HZ)
▪HE7	▪80	▪MVL43					▪-4SV(4-way single acting needle valve)		
▪HE83	▪100	▪EV32	▪W		▪L(full protection frame)	▪R(wire handle)	▪-4DV(4-way double acting needle valve)		
▪HE84	▪200	▪EV32-A	(with lockable casters)						
▪HE95		▪HV22							
▪HE97		▪EV43							
		▪EVL43							
		▪EVB43							

◆ Tank capacity is the maximum oil capacity, unit L

◆ Valve group function please refer to the valve group function table

◆ A variety of other non-standard customization method is optional, For example, multi-way solenoid valve group, multi-way manual reversing valve group, foot switch, custom tank capacity shape, pressure sensor, pressure switch, pressure gauge, custom electrical control, different appearance color, etc. The above naming method does not represent the full range of supply, more options please consult for details

▼ Introduction to HE Series Selection:

▼ Fuel tank capacity, frame and caster selection:

-10	-10WL	-20
		

▼ Fuel tank capacity, frame and caster selection :

-20W	-20WL	-40
-40W	-40WL	-60W

◆The above display pictures do not represent the entire supply scope. For more options, please consult in detail.

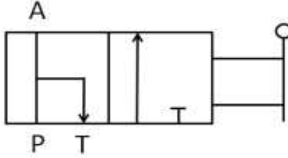
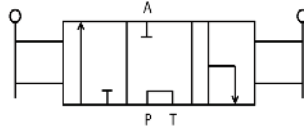
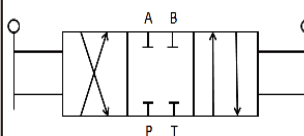
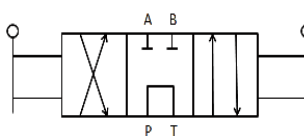
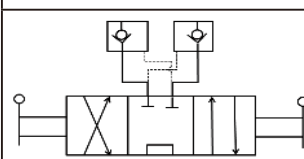
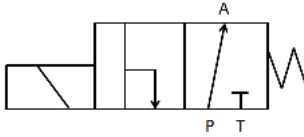
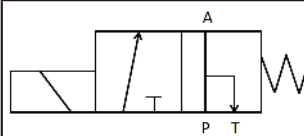
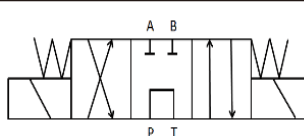
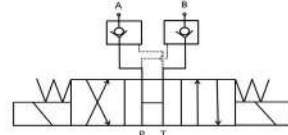
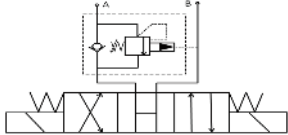
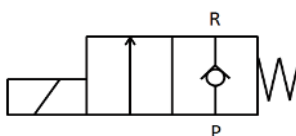
▼ Air-cooled Radiator:

-F (220V)	-F (380V)

▼ Control method:

-R (Single-button handle)	-R (Dual-button handle)
-R (Three-button handle)	-RC (Digital-display handle)

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Name	Image	Functions	Name	Image	Functions
MV32		Single-acting cylinder Pressurization/Pressure holding/Pressure relief Zero leakage	MV33		Single-acting cylinder Pressurization/Pressure holding/Pressure relief Micro leakage
					
MV43-O		Double-acting cylinder Advance/Pressure holding/ Return Zero leakage	MV43-M		Double-acting cylinder Advance/Pressure holding/ Return Zero leakage
					
MV43L		Double-acting cylinder Advance/Pressure holding/ Return Micro leakage	EV32O		Single-acting cylinder Pressurization/Pressure holding/Pressure relief Zero leakage
					
EV32C		Single-acting cylinder Pressurize/Depressurize	EV43-M		Double-acting cylinder Advance/Pressure holding/ Return Micro leakage
					
EVL43		Double-acting cylinder Advance/Pressure holding/ Return Zero leakage	EVB43		Double-acting cylinder Advance/Pressure holding/ Return Zero leakage
					
HV22		Single-acting cylinder Pressurization/Pressure holding/Pressure relief Zero leakage			
					

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▼ Multi-Way Valve Selection

2SV	2DV	4SV	4DV
			

▼ PRV Precision Relief Valve

PRV1000


▼ Examples of commonly used models in the HE series:

HE4010MV32-PRV	HE4010MV43	HE4010MV43R	HE4010HV22R
			
HE6040EVL43R	HE5010EVL43R	HE4010EVL43WFLR	HE7040EVL43LR
			

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HE7040MV43W	HE83080MV43WL	HE4010MV32-2SV	HE4010MV32-4SV
			
HE5010MV43R-2DV	HE4010MV43WFLR-2DV	HE4040MV43WLR-4DV-GA	HE5040MV32-10SV
			
HE4010MV33-6SV	HE84080MV33WL-4SV	HE7040MV43W-4DV	HE4010MV43-2
			
HE5010EVL43-2-RL	HE4010EVL43-2-R	HE4007EV32WFLP	HE83040EV32WLP
			

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HE4005EVL43FLR	HE7-2-080EVB43-2-R	HE4007MV43R-115/60	HE4005MV32L
			
HE6020EVL43R-440/60	HE97100MV43-2-WL	HE95080MV43-2-WLR	HE97150MV43WLR
			
HE7080MV43WR-4DV-4GA	HE9080MV43-2-WL	HE9080MV43-2-WL	HE90150MV43WLR-PRV
			
HE97080EVB43RW	HE7020MV33LR-4SV	HE8040MV33WL-4SV	HE90300MV43W
			

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▼ Examples of common models of HE series:

HE4010MV32	HE4010MV43	HE4010MV43R	HE4010HV22R
			
HE5010EVL43R	HE6040EVL43R	HE4010EVL43WFLR	HE7020EVL43LR
			
HE7040MV43W	HE83080MV43WL	HE4010MV32-2SV	HE4010MV32-4SV
			
HE5010MV43R-2DV	HE4010MV43WFLR-2DV	HE4040MV43WLR-4DV-GA	HE5040MV32-10SV
			

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▼ Examples of common models of HE series:

HE4010MV33-6SV	HE84080MV33WL-4SV	HE7040MV43W-4DV	HE4010MV43(2)
			
HE5010EVL43(4)RL	HE4010EVL43(2)R	HE4007EV32WFLP	HE83040EV32WLP
			
HE4005EVL43FLR	HE7(2)080EVB43(2)R	HE4007MV43R-115/60	HE4005MV32L
			
HE6020EVL43R-440/60	HE97100MV43(2)W	HE95080MV43(2)WLR	HE97150MV43WLR
			