

**Dayton**

## Chemical-Resistant C-Face Pump Heads

- 304 stainless steel housing

Designed for continuous-duty high-flow applications, including chemical processing, liquid transfer,

cooling and circulating. For use with clear, non-abrasive, non-flammable liquid compatible with pump components. Pump heads require a NEMA 56J motor or 56J pump pedestal.



4JMY2

HP Req.	Use with Frame No.	Inlet	Outlet	GPM of Water @ 10 ft. of Head	GPM of Water @ 20 ft. of Head	GPM of Water @ 30 ft. of Head	Best Efficiency GPM @ Head	Max. Head*	Item No.
1 1/2 hp	56J	3/4 in	3/4 in	34.0	29	20	28 @ 22 ft	50	4JMY2
3/4 hp	56J	1 1/4 in	3/4 in	52	47	38	30 @ 41 ft	62	4JMY3
1 hp	56J	1 1/2 in	1 1/4 in	84	77	57	40 @ 40 ft	65	4JMY4
1 1/2 hp	56J	1 1/2 in	1 1/4 in	108	100	81	50 @ 48 ft	65	4JMY5
2 hp	56J	2 in	1 1/2 in	114	109	92	55 @ 50 ft	68	4JMY6
3 hp	56J	2 in	1 1/2 in	144	131	116	90 @ 48 ft	81	4JMY7

\* To convert to psi, divide total feet of head by 2.31.

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## Chemical-Resistant, Hazardous Location Pumps

- Stainless steel housing, impeller and shaft
- Three phase
- TEFC (Totally Enclosed Fan Cooled) motor enclosure
- Mechanical shaft seal with Viton and carbon/ceramic parts
- Max. liquid temp.: 250°F

Pumps have a continuous-duty motor to handle liquid transfer, circulation, chemical processing, cooling, and pressure boosting applications. Discharge can be rotated 360° in 90° increments. 1/6" max. solid dia. Pumps do not have overload protection, which must be provided by a starter unit sold separately, see page 153. UL Listed for Class I Groups C and D; Class II Groups E, F, and G.



5WXU8

HP	Nameplate Voltage	Amps	Flow Rate @ 20 ft of Head (Maximum)	Flow Rate @ 40 ft of Head (Maximum)	Best Efficiency Flow	Feet of Head* (Maximum)	Inlet	Outlet	Item No.
1 1/2	208-230/460V AC	4.09-3.72/1.86	88 gpm	61 gpm	42 gpm	72 ft	1 1/2 in NPT	1 1/4 in NPT	5WXU8
2	208-230/460V AC	5.06-4.60/2.30	106 gpm	77 gpm	49 gpm	73 ft	2 in NPT	1 1/2 in NPT	5WXU9
3	208-230/460V AC	7.28-6.62/3.31	122 gpm	104 gpm	75 gpm	78 ft	2 in NPT	1 1/2 in NPT	5WXV0

\* To convert to psi, divide total feet of head by 2.31.

**MOYNO®**

## Progressive Cavity Pumps

- Cast-iron housing
- Buna-N stator, stainless steel rotor, carbon/ceramic seal
- Temp. range: 10 to 160°F
- Max. viscosity: 20,000cP

Use a helix-shaped rotor and an elastomer stator to dose or transfer liquids in a system. The rotor turns within and against the walls of the stator to create sealed pockets full of liquid, moving the contents through the pump. Pumps have a constant flow rate and operate without pulsation dampeners. Suited for handling viscous liquids and put minimal shear pressure on a fluid.

**Motor-Drive**—Pumps include a motor.

**Pedestal-Mount**—Pulley or belt driven to transfer liquids through a system, and do not include a motor. Choose a pedestal pump sized for the appropriate HP motor to ensure proper performance.

Motor-Drive  
30EK54Pedestal-Mount  
30EK50Pedestal-Mount  
30EK52Pedestal-Mount  
30EK53

Horsepower (Maximum)	Suction Port	Discharge Port	Phase	Nameplate Voltage	Operating Pressure (Maximum)	Solid Diameter (Maximum)	Mfr. Model	Item No.
<b>Motor-Drive Progressive Cavity Pumps</b>								
1/2 hp	3/4 in NPT	3/4 in NPT	Single	115/230V AC	40 psi	8 mm	34459	30EK56
			Single	115/230V AC	50 psi	4.8 mm	33359	30EK55
			Single	115/230V AC	100 psi	4 mm	33259	30EK54
1 1/4 hp	1 1/2 in NPT	1 1/2 in NPT	Three	208/230/440V AC	50 psi	9.5 mm	35651	30EK57

Horsepower (Maximum)	Suction Port	Discharge Port	Operating Pressure (Maximum)	Solid Diameter (Maximum)	Mfr. Model	Item No.
<b>Pedestal-Mount Progressive Cavity Pumps</b>						
1/2 hp	3/4 in NPT	3/4 in NPT	40 psi	8 mm	34401	30EK52
			50 psi	4.8 mm	33301	30EK51
			100 psi	4 mm	33201	30EK50
1 1/4 hp	1 1/2 in NPT	1 1/2 in NPT	50 psi	9.5 mm	35601	30EK53

Mfr. Model	Compatible with Manufacturer Model Number	Compatible with Grainger Part Number	Includes	Item No.
<b>Repair Parts for Moyno Progressive Cavity Pumps</b>				
3119027000	33201, 33259	30EK50, 30EK54	Flexible Joint, Seal, Stator	30EK58
3119029000	33301, 33359	30EK51, 30EK55	Flexible Joint, Seal, Stator	30EK59
3119031000	34401, 34459	30EK52, 30EK56	Flexible Joint, Seal, Stator	30EK60
3119033000	35601	30EK53	Flexible Joint, Seal, Stator	30EK61
3119123000	35651	30EK57	Flexible Joint, Pin for Motor, Pin for Rotor, Seal, Stator	30EK62

Pump Repair Kit  
30EK58