

## Assembly Numbers Series 730NI/760NI Valves for oil and liquid service

**Normally closed, swinging gate, electrically actuated, manual reset, trip close**

Valve Size & C <sub>v</sub> Factor	Sanctioned Valves			MOPD (psi) [2]	Ship Weight (lbs.) [1]
	Assembly Number	Series Designation	Valve Body Sub-assembly		
			Trim		
1" C <sub>v</sub> = 12	1 700NI	730NI	1-B	300	37
		760NI	2-D, 3-D, 4-D	600	
1.25" C <sub>v</sub> = 17	1.25 700NI	730NI	1-B	300	40
		760NI	2-D, 3-D, 4-D	600	
1.25" HC C <sub>v</sub> = 45		730NI-S	2-D, 3-D, 4-D	600	40

## Series 4730NI/4760NI Valves

**Normally closed, swinging gate, electrically actuated, automatic reset, trip close**

Valve Size & C <sub>v</sub> Factor	Sanctioned Valves			MOPD (psi) [2]	Ship Weight (lbs.) [1]
	Assembly Number	Series Designation	Valve Body Sub-assembly		
			Trim		
1" C <sub>v</sub> = 12	1 4700NI	4730NI	1-B	300	42
		4760NI	2-D, 3-D, 4-D	600	
1.25" C <sub>v</sub> = 17	1.25 4700NI	4730NI	1-B	300	42
		4760NI	2-D, 3-D, 4-D	600	
1.25" HC C <sub>v</sub> = 45		4730NI-S	2-D, 3-D, 4-D	600	42

Valve body sub-assemblies in bold are standard bodies in this valve assembly.

[1] Approximate. Actual weight will vary based on options selected.

[2] MOPD may be lower based on fuel. Refer to nameplate for actual value.

These assemblies include Non-Incendive 115-50/60 VAC solenoids. Other gases and liquids may be sanctioned. Contact Maxon with your fuel analysis. Valves with -S designations are steel body valves.

### For 700 Valves:

Segment choices are as follows for *configured* products:

- Fuel
- Body trim
- Body connection
- Minimum fuel/ambient temperature
- Maximum fuel temperature
- Maximum ambient temperature
- Solenoid voltage
- Enclosure rating
- VOS switch
- VCS switch
- Top assembly position
- Handle sideplate
- Tagging

### For 4700 Valves:

Segment choices are as follows for *configured* products:

- Fuel
- Body trim
- Body connection
- Minimum fuel/ambient temperature
- Maximum fuel temperature
- Maximum ambient temperature
- Motor voltage
- Motor timing
- Solenoid voltage
- Enclosure rating
- VOS switch
- VCS switch
- Top assembly position
- Tagging

## Assembly Numbers Spare Parts

### Signal Switches

#### Hermetically Sealed 3/4" through 3" RS and 1" through 2" SG Valves

Old Switch Assembly Number	Valve Size			
	3/4" & 1"	1-1/4"	1-1/2"	2" through 3"
VCS1 (NC) VOS1 (NO) 43268	43268	57341	57353	57256
VCS2 (NC) VOS2 (NO) 43269	43269	57342	57354	57257
VCS1, VOS1 SW ASY 43271 W/43273	57331	57343	57355	57258
VCS2, VOS1 SW ASY 43271 W/43270	57332	57344	57356	57259
VCS1, VOS2 SW ASY 43272 W/43273	57333	57345	57357	57260
VCS2, VOS2 SW ASY 43272 W/43270	57334	57346	57358	57261

#### Hermetically Sealed 2-1/2", 3" and 4" CP

Old Switch Assembly Number	Valve Size	
	2-1/2"	3" and 4"
VCS1, VOS1 SW ASY 43266 W/43262	57375	57381
VCS1, VOS2 SW ASY 43263 W/43262	57377	57383
VCS2, VOS2 SW ASY 43263 W/43261	57378	57384

### Solenoids

Maxon Valve Size and Series >		.75", 1", 1.25", & 1.5" 808NI (-S) STO-MNI (-S)	1" & 1.25" 730NI (-S); 760NI; 4730NI (-S); 4760NI	2.5", 3", & 4" 808NI (-S)CP; 5000NI (-S)CP
Electrical Specification			2", 2.5", & 3" 808NI (-S); 5000NI (-S); STO-MNI (-S); STO-ANI (-S)	6" 808NI (-S)
115v	50/60 Hz	47120	47121	47122
230v	50/60 Hz	47123	47124	47125
24 VDC		1040851	1040580 [1]	1040581 [1] [2]

[1] AC and DC solenoids are not interchangeable.

[2] Does not apply to 6" 808.

**Key:** VOS = Valve Open Switch  
VCS = Valve Closed Switch  
v = Volts  
Hz = Hertz

## Assembly Numbers Spare Parts

### Motor Operators and Internal Top Assembly Components

Maxon Valve Size and Series >		.75", 1", 1.25", 1.5", 2", 2.5", 3", & 4"	.75", 1", 1.5", & 2"	2.5", 3", & 4"
Motor Operator Electrical Specifications		5000NI (-S); 4730NI (-S); 4760NI; 5000NI (-S)CP	STO-ANI (-S)	STO-ANI (-S)CP
2-1/2 second timing	115v 50/60 Hz	47822 [1]	47822	---
	230v 50/60 Hz	47823 [1]	47823	---
6 second timing	115v 50/60 Hz	47824	---	47824
	230v 50/60 Hz	47825	---	47825

[1] 2-1/2 second timing option is **not** available for CP valves

### Companion Flange Set Options

Flange Description	Pipe Line Size				
	2"	2.5"	3"	4"	6"
125#, flat faced, threaded, iron	39882	20338	20341	20206	---
150#, flat faced, threaded, steel	39883	20339	20342	20208	---
150#, flat faced, slip-on welding, steel	39884	20340	20343	20210	20211
Approximate weight in pounds	20	22	24	35	46

Flange sets include (2) flanges and gaskets with necessary nuts and bolts to mount set to flanged body valve assemblies.

### Wheel & Chain Accessory Option

**Extra chain** (in one foot increments) – 00035

Standard chain length on CP and larger valves is 7 feet; all other valves is 5 feet

## Notes