

Rev. A, July 2024

HIGH PERFORMANCE, TWO-STAGE DESIGNS IN A VARIETY OF SIZES AND CONFIGURATIONS TO MEET YOUR EXACT APPLICATION NEEDS

ABOUT MOOG

Moog Inc. is a worldwide designer, manufacturer and integrator of precision control components and systems. Moog's Industrial Group designs and manufactures high performance motion control solutions combining electric, hydraulic, and hybrid technologies with expert consultative support in a range of applications including energy production and generation machinery, industrial production machinery and simulation and test equipment. We help performance-driven companies design and develop their next-generation machines.

Moog maintains facilities in 40 countries around the globe. This vast scope ensures that our engineers remain close to the needs of machine builders and provide flexible design solutions and technical expertise tailored to our customers' toughest challenges.

Our experts work in close collaboration with machine builders and application engineers to design motion control systems for greater productivity, higher reliability, superior connectivity, less costly maintenance and more effective operations. Our regional presence, industry knowledge and design flexibility ensures Moog motion control solutions are tailored to their environment—from meeting operating regulations and performance standards, to taking machine performance to a higher level.

Servo and Proportional Valve Accessories

As part of our approach to providing world-class motion control products, Moog provides a wide variety of accessories that our customers may need for hydraulic valves. From valve checkers for troubleshooting to mounting manifolds for easy installation on machines, Moog's expertise involves helping you to get running quickly and easily.

Moog has a variety of accessories that are needed when applying, operating and troubleshooting Servovalves and Servo-Proportional Valve products. The specific accessories you may need for a particular model are listed in the relevant product catalogs and can be ordered through your local office.

Complementary Products for a Complete Solution

At the heart of every Moog solution is an array of products engineered for precision, high performance and reliability. For more than seven decades, Moog products have been specified for critical machine applications.

Some are developed specifically for unique operating environments. Others are standard equipment on machines across many industries. All are continuously improved to take advantage of the latest technology breakthroughs and advancements.

For a complete catalog of available products, visit www.Moog.com or contact your local office.

Additional Moog products include:





Radial Piston Pumps



Brushless Servo Motors



DIRECT OPERATED FLOW CONTROL VALVES FOR ANALOG SIGNALS

Product Family	Model											Max. Operating Pressure - bar (psi	S R	Single Coil Rated Signal -mA 100% Step Response - ms at 210 bar (3,000 psi) System Pressure								sure	Frequency Response at 40% Signal, 90° Phase Lag - Hz							Size (Mounting Pattern)		Approximate Envelope - cm (in)			- Product Web Page					
				4 (1) 4 (1) 5 (1.3) 6.9 (1.8) 7.5 (2.0) 10 (2.5) 10 (2.5) 10 (2.5) 10 (2.5) 10 (2.5) 10 (2.5) 10 (2.5) 115 (30) 115 (30) 115 (30) 115 (30) 115 (30) 120 (40) 120 (40) 190 (50) 225 (60) 265 (70) 300 (78) 400 (100) 800 (200) 1000 (260)	,									60 60 110									215	250	Size 1: ISO 10372-01-01-0-92 Size 2: ISO 10372-03-03-0-92 Size 3: ISO 10372-03-03-0-92 (NG6) Size 4: ISO 10372-04-04-0-92 Size 5: ISO 4401-05-05-0-94 (NG10)		Length		Weight - kg (lb)	- Web i age										
Small Package (Micro-Hydraulics)	-030													310 (4,500)	1	0, 20, 40																			Size 1	40.6 (1.6)	54.7 (1.5)	39.1 (1.5)	0.19 (0.41)	CLICK HERE
	-031													310 (4,500)	1	0, 20, 40																			Size 2	76.7 (3.0)	43.7 (1.7)	46.2 (1.8)	0.37 (0.82)	CLICK HERE
	-032													310 (4,500)	1	0, 20, 40																			Size 3	34.6 (1.4)	31.8 (1.3)	32.0 (1.3)	0.37 (0.82)	CLICK HERE
	E024													210 (3,000)	1	0																			Moog Standard	77 (3.1)	135 (5.3)	127 (5.0)	0.09 (0.20)	CLICK HERE
Global Standard	G631 -631													210 (3,000) 310 (4,500) 350 (5,000)	3	0,100																			Size 5	93 (3.7)	94 (3.7)	74 (2.9)	2.2 (4.9)	CLICK HERE
	G761 -761													310 (4,500) 350 (5,000)	1	5, 40, 200																			Size 4	59.3 (2.3)	101 (4.0)	71 (2.8)	1.1 (2.4)	CLICK HERE
	G77X -77X													210 (3,000) 350 (5,000) for 772/77 only	73	, 15, 20, 40, 200															$\dagger \dagger$				771: Size 2 772: Size 3 773: Moog Standard	128 (5.0)	170 (6.7)	118 (4.7)	0.86 (1.9)	CLICK HERE
High Pressure / High Flow	-072													210 (3,000); 275 (4,0 350 (5,000); 480 (7,0	000) 8,	, 15, 40																			Size 6	79 (3.1)	146 (5.7)	102 (4.0)	3.5 (7.8)	CLICK HERE
Thigh tow	-078													210 (3,000)	8,	, 15, 40, 100																			Moog Standard	110 (4.3)	261 (10.3)	179 (7.0)	2.9 (6.3)	CLICK HERE
	-079- 100													210 (3,000) 310 (4,500) 350 (5,000)	1	5, 40																			Size 6	145 (5.7)	263 (10.4)	223 (8.8)	10.9 (24)	CLICK HERE
	-079- 200													210 (3,000) 310 (4,500) 350 (5,000)	1	5, 40																			Moog Standard	84 (3.3)	135 (5.3)	69 (2.7)	16.1 (35.5)	CLICK HERE
	-730													210 (3,000); 275 (4,0 350 (5,000); 550 (8,0	000) 1	5, 40																			Size 4	58 (2.3)	133 (5.2)	81 (3.2)	1.0 (2.25)	CLICK HERE
Specialty Application	-743													210 (3,000)	1	6, 48																			-	58 (2.3)	133 (5.2)	81 (3.2)	1.54 (3.4)	CLICK HERE
	-744													210 (3,000)	1	7, 34.5, 96																			-	121 (4.8)	225 (8.9)	167 (6.6)	8.38 (18.5)	CLICK HERE
	-728													210 (3,000)	2	0, 40, 60																			-	148 (5.8)	238 (9.4)	179 (7.1)	20.4 (45)	CLICK HERE
Legacy	-760													210 (3,000)	8,	5, 15, 40, 60, 200																			Size 4	96 (3.8)	97 (3.8)	72 (2.9)	0.52 (1.13)	CLICK HERE
	-062													210 (3,000)	3	0,100																			Size 4	81 (3.2)	125 (4.9)	116 (4.6)	1.22 (2.7)	CLICK HERE

TAKE A CLOSER LOOK

Moog designs a range of motion control products that complement the performance of those featured in this catalog. Visit our website for more information and contact the Moog facility nearest you.

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