

# ACTUATOR SELECTION GUIDE

Valve Model			Normally Open, Air-to-Close Actuators			Normally Closed, Air-to-Open Actuators			Double-Acting Pneumatic Actuators			Double-Acting Hydraulic Actuators	
			ATC5	ATC8	2XATC5	ATO5	ATO8	2XATO5	DA5	DA8	2XDA5	DAH	DAH2
SLPV4 SLPV6	MAWP	PSI bar	12,000 830			11,500 790			12,000 830			12,000 830	
	Req'd Actuator Pressure	PSI bar	59 4.1			82 5.7			38 2.6			355 20	
SLPV6 SLPV8	MAWP	PSI bar	6,000 410			5,500 380			6,000 410			6,000 410	
	Req'd Actuator Pressure	PSI bar	41 2.8			75 5.2			29 2.0			277 20	
DHP2 DHP4 DHP6 DHP8	MAWP	PSI bar	15,000 1030			15,000 1030	15,000 1030		15,000 1030			15,000 1030	
	Req'd Actuator Pressure	PSI bar	59 4.1			81 5.6	50 3.4		47 3.2			444 30	
DHP12 DHP16	MAWP	PSI bar		8,000 550	6,000 410		5,000 340	4,250 290		9,000 620	5,000 340		10,000 690
	Req'd Actuator Pressure	PSI bar		100 6.9	95 6.5		66 4.6	79 5.4		100 6.9	91 6.3		1,400 100.0
SFPV2 SFPV4	MAWP	PSI bar	15,000 1030			15,000 1030			15,000 1030			15,000 1030	
	Req'd Actuator Pressure	PSI bar	59 4.1			81 5.6			47 3.2			444 31.0	
SFPV6 SFPV8	MAWP	PSI bar	15,000 1030	15,000 1030	15,000 1030	14,000 970	15,000 1030		15,000 1030			15,000 1030	
	Req'd Actuator Pressure	PSI bar	85 5.9	40 2.8	40 2.8	84 5.8	56 3.9		73 5.0			693 48.0	
FPV12 FPV16	MAWP	PSI bar		12,000 830	9,000 620		7,500 520	6,500 450		13,000 900	8,000 550		15,000 1030
	Req'd Actuator Pressure	PSI bar		100 6.9	96 6.6		66 4.6	78 5.4		96 6.6	96 6.6		1,406 100.0
20UV4 20UV6	MAWP	PSI bar	20,000 1380			20,000 1380	20,000 1380		20,000 1380			20,000 1380	
	Req'd Actuator Pressure	PSI bar	74 5.1			82 5.7	55 3.8		63 4.3			592 41.0	
20UV9	MAWP	PSI bar	18,000 1240	20,000 1380	20,000 1380	14,000 970	20,000 1380	20,000 1380	20,000 1380		20,000 1380	20,000 1380	
	Req'd Actuator Pressure	PSI bar	100 6.9	49 3.4	55 3.8	84 5.8	58 4.0	67 4.6	98 6.8		67 5.0	925 64.0	
20V12	MAWP	PSI bar		20,000 1380	14,000 970		12,500 860	10,500 720		20,000 1380	12,000 830		20,000 1380
	Req'd Actuator Pressure	PSI bar		101 7.0	90 6.2		66 4.6	79 5.4		90 6.2	89 6.1		1,134 80.0
20V16	MAWP	PSI bar		12,000 830	8,000 550		7,500 520			12,000 830			16,000 1100
	Req'd Actuator Pressure	PSI bar		100 6.9	52 3.6		66 4.6			89 6.1			1,500 100.0
30UV	MAWP	PSI bar	30,000 2070			30,000 2070			30,000 2070			30,000 2070	
	Req'd Actuator Pressure	PSI bar	35 2.4			78 5.4			23 1.6			222 15.3	
30V	MAWP	PSI bar		18,000 1240	15,000 1030		12,500 860			22,000 1520	12,000 830		26,000 1790
	Req'd Actuator Pressure	PSI bar		92 6.3	96 6.6		66 4.6		99 6.8	89 6.1		1,475 100.0	
40UV	MAWP	PSI bar	40,000 2760			40,000 2760			40,000 2760			40,000 2760	
	Req'd Actuator Pressure	PSI bar	36 2.5			78 5.4			24 1.7			227 15.6	
60UV	MAWP	PSI bar	60,000 4140			60,000 4140			60,000 4140			60,000 4140	
	Req'd Actuator Pressure	PSI bar	23 1.6			88 6.1			12 0.8			111 8.0	
150V	MAWP	PSI bar	150,000 10340	150,000 10340		150,000 10340	150,000 10340		150,000 10340			150,000 10340	
	Req'd Actuator Pressure	PSI bar	78 5.4	37 2.6		86 5.9	54 3.7		66 4.6			624 43.0	

All dimensions are for reference only and are subject to change without notice.  
Dimensions in parentheses are millimeters (mm).

