

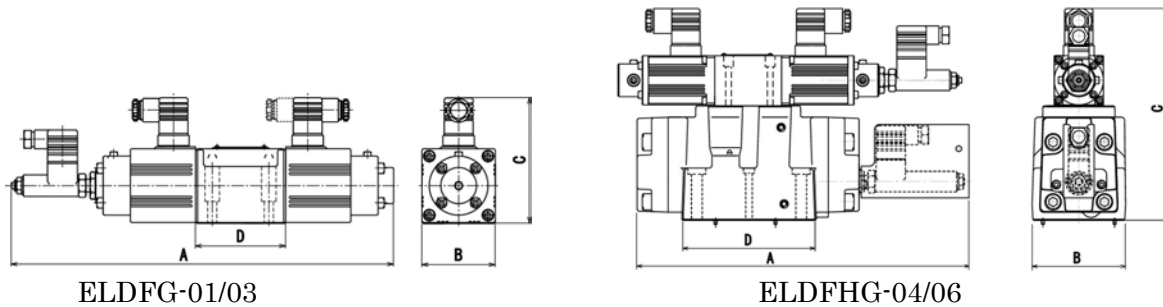
■ Specifications

Model No.		ELDFG-01-※-3C※-XY-10	ELDFG-03-※-3C2/3C40-XY-10	ELDFG-03-※-3C2P-XY-10
Description				
Max. Operating Pressure MPa		5082 PSI (31.5 MPa)		
Max. Tank Line Back Pressure PSI (MPa)		3050 PSI (21 MPa)		
Rated Flow at Valve pressure Difference 218 PSI (1.5 MPa)		2.6, 5.3, 9.3 GPM (10, 20, 35 L/min)	10.5, 21 GPM (40, 80 L/min)	
Rated Current		max. 2.5 A	max. 3 A	
Coil Resistance 68°F (20°C)		3.9 Ω	3 Ω	
Power Consumption		max. 25 W	max. 27 W	
Hysteresis		less than 0.5 %		
Repeatability		less than 0.5 %		
Step Response (1)	(0→100%V)	less than 30 ms	less than 29 ms	less than 25 ms
	(100→0%V)	less than 30 ms	less than 26 ms	less than 23 ms
Frequency Response (1)	Phase (-90°)	48 Hz (50%V±25%V)	36 Hz (0±25%V)	41 Hz (0±25%V)
	Gain (-3dB)	52 Hz (50%V±5%V)	35 Hz (0±25%V)	38 Hz (0±25%V)
Approx. Mass		7 Lbs (3.2 kg)	16.5 Lbs (7.5 kg)	

Model No.		ELDFHG-04-280-3C※-XY-※※-10	ELDFHG-06-350-3C※-XY-※※-10	ELDFHG-06-500-3C※-XY-※※-10
Description				
Max. Operating Pressure MPa		5082 PSI (35 MPa)		4574 PSI (31.5 MPa)
Max. Tank Line Back Pressure PSI (MPa)		3050 PSI (21 MPa)		
Rated Flow at Valve pressure Difference 145 PSI (1.0 MPa)		74 GPM (280 L/min)	92.5 GPM (350 L/min)	132 GPM (500 L/min)
Pilot Line Pressure		218~4574 PSI (1.5~31.5 MPa)		
Pilot Flow Rate		4.2 GPM (16 L/min)	4.2 GPM (16 L/min)	5 GPM (19 L/min)
Rated Current		max. 2.5 A	max. 2.5 A	
Coil Resistance 68°F (20°C)		3.9 Ω		
Power Consumption		max. 25 W		
Hysteresis		less than 0.5 %		
Repeatability		less than 0.5 %		
Step Response (1)	(0→100%V)	13 ms	15 ms	18 ms
Frequency Response (1)	Phase (-90°)	46 Hz (±25%V)	66 Hz (±25%V)	39 Hz (±25%V)
Approx. Mass		22 Lbs (10 kg)	40 Lbs (18 kg)	42 Lbs (19 kg)

Note (1) The above characteristics were measured with each valve so they may vary depend upon hydraulic circuit of actual machine.

■ Dimensions



Model Number	Dimensions Inch (mm)				Mounting Surface
	A	B	C	D	
ELDFG-01	13.1 (335)	1.9 (48)	3.74 (95)	2.6 (65)	ISO 4401-AB-03-4-A
ELDFG-03	14.4 (365)	2.7 (70)	4.7 (120)	3.4 (86)	ISO 4401-AC-05-4-A
ELDFHG-04-280	13.4 (341)	3.6(91)	8.1 (206)	5.1 (130)	ISO 4401- AD-07-4-A
ELDFHG-06-350	14.6 (371)	4.6 (118)	9.1 (232)	6.1 (156)	ISO 4401- AE-08-4-A
ELDFHG-06-500	14.8 (375)	4.6 (118)	9.1 (232)	6.1 (156)	ISO 4401- AE-08-4-A

■ Power Amplifiers

Valve Model Number	Power Amplifier
ELDFG-01-※-3C2/3C40-XY-10	AMN-L-01-1-10
ELDFG-01-※-3C2P-XY-10	AMN-L-01-3-2P-10
ELDFG-03-※-3C2/3C40-XY-10	AMB-EL-03-1-10
ELDFG-03-※-3C2P-XY-10	AMB-EL-03-2P-1-10
ELDFHG-04-280-3C2/3C40-XY-※※-10	AMB-EL-04-10
ELDFHG-04-280-3C2P-XY-※※-10	AMB-EL-04-2P-10
ELDFHG-06-350-3C2/3C40-XY-※※-10	AMB-EL-06-10
ELDFHG-06-350-3C2P-XY-※※-10	AMB-EL-06-2P-10
ELDFHG-06-500-3C2/3C40-XY-※※-10	AMB-EL-06-10
ELDFHG-06-500-3C2P-XY-※※-10	AMB-EL-06-2P-10

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valves

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