

Actuator model:	V30	V65	V180	V250	V400	V700	
Type of actuator	Turning	Turning	Turning	Turning	Turning	Turning	
Torque	6-30Nm	10-80 Nm	30-180 Nm	60-300 Nm	60-580 Nm	100-850 Nm	
Speed max. %/sec	25%/sec *	22%/sec *	20%/sec *	18%/sec *	18%/sec *	18%/sec	24 V DC power supply mode
Speed max. %/sec	40%/sec	40%/sec	32%/sec	18%/sec	18%/sec	18%/sec	48 V DC power supply mode
Precision	0,5°	0,1°	0,1°	0,1°	0,1°	0,1°	
Sealing	IP 67	IP 67	IP 67	IP 67	IP 67	IP 67	
Operating temp. °C*	-40 - +80	-40 - +80	-40 - +80	-40 - +80	-40 - +80	-40 - +80	*Depending ambient temp.!
Weight (kg)	4,1	4,7	8	12	14	18	
Atex-certified	No	No	No	No	No	No	

Electrical data:							
Voltage (VDC)	24 / 48	24 / 48	24 / 48	24 / 48	24 / 48	24 / 48	
Current rating (A) Peak!	5 ¹	5 ¹	7 ¹	10 ¹	13 ¹	13 ¹	
Analogue control (mA)	4-20	4-20	4-20	4-20	4-20	4-20	
Digital control	Yes	Yes	Yes	Yes	Yes	Yes	
0-10 (VDC) control	Yes	Yes	Yes	Yes	Yes	Yes	
Modbus 485	Yes	Yes	Yes	Yes	Yes	Yes	
3-point control	Yes	Yes	Yes	Yes	Yes	Yes	
On-Off	Yes	Yes	Yes	Yes	Yes	Yes	

Actuator model:	V30Q	V65Q					
Type of actuator	Turning/quick	Turning/quick					
Torque	6-30 Nm	10-60 Nm					
Speed max.	250%/sec	150%/sec					
With external gear (up to)	3000Nm	6000Nm					
Max speed /external gear	45sec/90°	60 sec/90°					
Precision	0,1°	0,1°					
Sealing	IP 67	IP 67					
Operating temp: (°C)*	-40 - +80	-40 - +80	*Depending ambient temp.!				
Weight (kg)	5,5	6					
EX -certifies	No	No					

Electrical data:							
Voltage (VDC)	24	24					
Current Rating (A) Peak!	10 ¹	13 ¹					
Analogue control (mA)	4-20	4-20					
Digital control	Yes	Yes					
0-10 (VDC) control	Yes	Yes					
Modbus	Yes	Yes					
3-point control	Yes	Yes					
On-Off	Yes	Yes					

Actuator model:	V30QL	V65QL					
Type of actuator	Linear	Linear					
Torque	16 kN	30kN					
Speed max.	400mm/min*	250mm/min*	Up to 800 mm/min depending type of ball screw				
Precision	0,1°	0,1°					
Sealing	IP 67	IP 67					
Operating temp. (°C)*	-40 - +80	-40 - +80	*Depending ambient temp.!				
Max standard stroke (mm)	40 / 100	50 / 100					

Electrical data:							
Voltage (VDC)	24	24					
Current Rating (A) Peak!	10 ¹	13 ¹					
Analog control (mA)	4-20	4-20					
Digital control	Yes	Yes					
0-10 (VDC) control	Yes	Yes					
Modbus 485	Yes	Yes					
3-point control	Yes	Yes					
On-Off	Yes	Yes					

Common information about all actuator models:							
Resolution up to 5,000 steps for 90°							
Duty cycle: up to 100%							
Adjustable acceleration							
All actuator models are multiturn	Up to 15000 turns						
Speed depending on chosen force in V-series actuators with stepper motor.							
Adjustable (is done by the OVP-V program) electrical limit switches with opto couplers							
Programming is done by the Oden Valve Program (PC) trough a USB connector							
Can be delivered with external gears.							
Local control with hand wheel is optional.							
Control signals are galvanic isolated							
Galvanic isolated feedback signal 4-20mA							
Manual operating	YES	with key !					
EX certifications:	NO						

