OVERVIEW SERVO VALVE RANGE

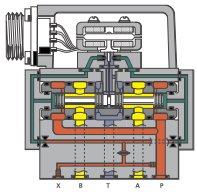
FLEXIBLE DESIGN, HIGH PRODUCTIVITY

WHAT MOVES YOUR WORLD

MOOG

VALVE TYPES EXPLAINED

MECHANICAL FEEDBACK (MFB)

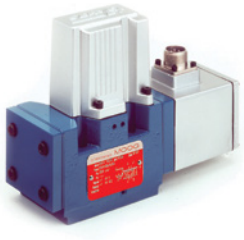


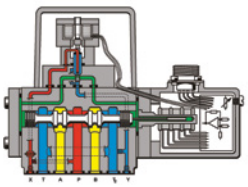
- Robust construction for use in extreme environments
- Suitable for use in high temp/high shock environments
- Very high response valve options available
- Intrinsically Safe Atex Approved Options
- Simple integration and commissioning

Nozzle Flapper Pilot

G631
G761
G771
G772
G773
72
79-100
79-200

ELECTRICAL FEEDBACK (EFB)

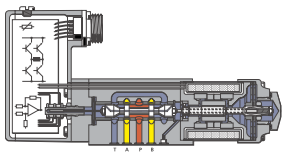




- Inherently high resolution for extreme accuracy requirements
- Integral Diagnostic function
- High flow valve options available
- Exd Atex approved options
- Directly Accommodates common PLC command signals

Servojet	DDV pilot	Nozzle Flapper
D661	D681	D765
D662	D682	D791
D663	D683	D792
D664	D684	
D665	D685	

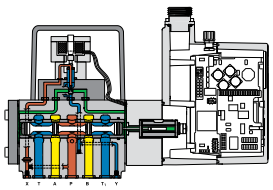
DIRECT DRIVE VALVE (DDV)



- Inherently high resolution for extreme accuracy requirements
- High Force Linear motor technology provide greater energy efficiency
- Operates down to zero supply pressure
- Analogue Pressure control technology option
- Simple onboard diagnostics

Flow control	Pressure Control (PQ)
D633	D638
D634	D639
D636	
D637	

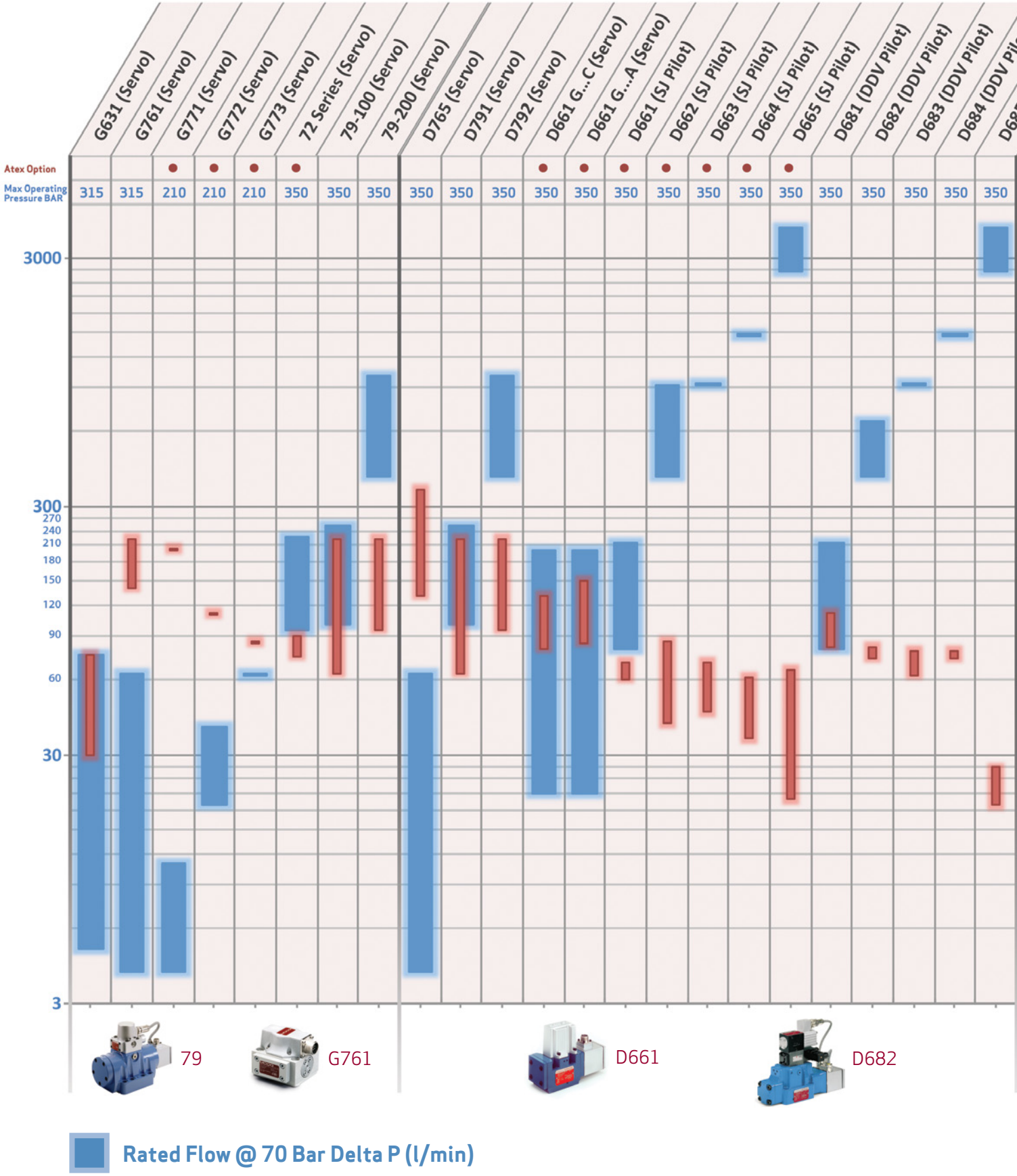
DIGITAL (DCV) AND AXIS (ACV) CONTROL VALVE

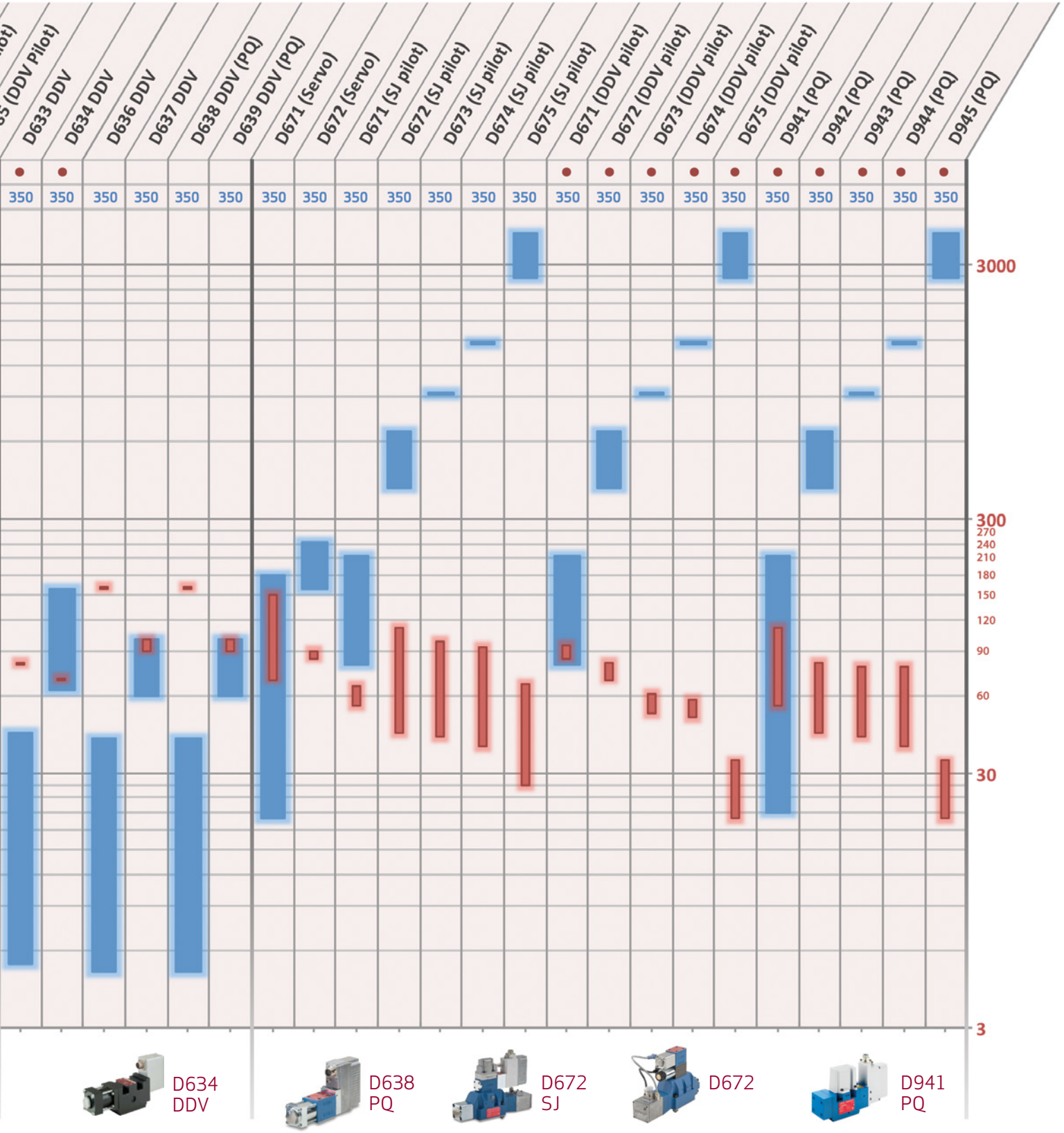


- Integrate Digital Electronics with fieldbus technology
- Sophisticated diagnostic software and error handling capabilities
- Software configurable valve function
- Simplifies multi-axis system communications
- Integrated "System" closed loop controller (ACV)

Flow Control	Pressure Control (PQ)
D636	D638
D637	D639
D671	D941
D672	D942
D673	D943
D674	D944
D675	D945

MOOG VALVE TYPES EXPLAINED





Frequency Response (90° Phase Lag, +/- 25% Signal (Hz)

1. Selection of the optimum valve involves understanding the performance requirements of your applications. Broadly, this comprises of two parameters:
2. The system power requirement which relates broadly to the maximum rated flow of the valve (blue bars)
3. The required system dynamics which correspond closely to the small signal frequency response of the valve (red bars)

TALK TO MOOG TODAY

Moog offers a wide range of motion control products and systems incorporating a wide variety of world-class electric and hydraulic components.

- Actuators (Electric and Hydraulic)
- Ball Screws and Roller Screws
- Integrated Hydraulic Systems
- Miniature Actuation Products and Systems
- Servo and Machine Motion Controllers
- RKP-II Radial Piston Pumps
- Servo Drives
- Servo Motors
- Slip Rings
- Simulation and Test Systems
- Test Controllers

Email: info@retrofitmach.com

www.retrofitmach.com

Servo valves Range
GKL/Rev. A 0113

MOOG