

V6GV Series

Flange globe valves

Honeywell V6GV series flange globe valves can be used with Linear electric actuators to control hot and cold water in central air conditioning systems and district heating systems.



Basic Parameters

Valves Type	Two-way Globe Valves
Valves Close Position	Stem down close
Pressure Class	PN16 and PN25
Size	DN15 to DN250
Plug Shape	DN15 to DN25: Single Globe Plug DN32 to DN250: Pressure Compensated Plug
Medium and Temperature range	Cooling and Hot water, -20°C to 150°C
Flow Characteristics	EQ%
Rangeability	50:1
Leakage	IV rating (JB/T 7387-2014) Nominal value: $10^{-4} \times$ Valve Capacity Equivalent value: 0.02%kvs (water testing)
Connection	Flange (ISO7005-2)
Stroke	DN15~DN80: 20mm DN100~DN250:40mm
Materials	Stem: SS304 Plug: SS304 Seat: SS304 Body: Ductile iron QT450-10 Seal staffing: SS304 Spring and PTFE O-ring: FKM

Order Information and Parameters

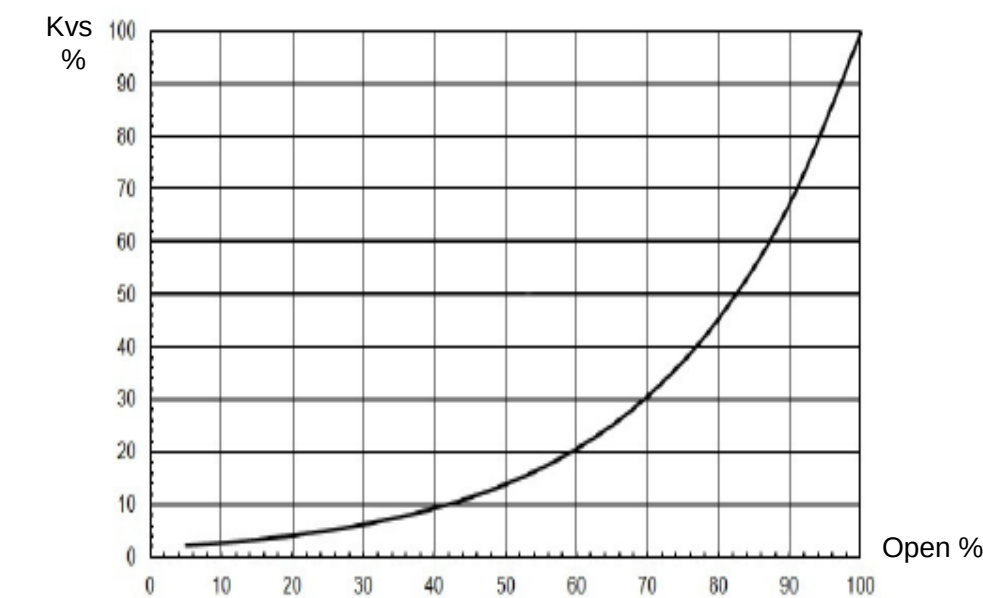
SKU	PN	DN	Kvs m³/h	Stroke mm	Compatible actuator Series	Compatible actuator Force & Stroke Close DP (kPa)			
						≥600N ≥20mm	≥1800N ≥20mm	≥1800N ≥40mm	≥3500N ≥40mm
V6GV216F-W015	PN16	DN15	3.6	20	ML8824	1600	1600	—	—
V6GV216F-W020	PN16	DN20	6.3	20		1200	1600	—	—
V6GV216F-W025	PN16	DN25	10	20		800	1600	—	—
V6GV216F-W032	PN16	DN32	16	20		1600	1600	—	—
V6GV216F-W040	PN16	DN40	25	20		1600	1600	—	—
V6GV216F-W050	PN16	DN50	40	20		1200	1600	—	—
V6GV216F-W065	PN16	DN65	63	20		900	1600	—	—
V6GV216F-W080	PN16	DN80	90	20		700	1600	—	—
V6GV216F-W100	PN16	DN100	160	40		—	—	1600	—
V6GV216F-W125	PN16	DN125	250	40		—	—	1600	—
V6GV216F-W150	PN16	DN150	400	40		—	—	1600	—
V6GV216F-W200	PN16	DN200	630	40	ML3524	—	—	—	1600
V6GV216F-W250	PN16	DN250	900	40		—	—	—	1600
V6GV225F-W015	PN25	DN15	3.6	20	ML8824	1600	2500	—	—
V6GV225F-W020	PN25	DN20	6.3	20		1200	2500	—	—
V6GV225F-W025	PN25	DN25	10	20		800	2500	—	—
V6GV225F-W032	PN25	DN32	16	20		1600	2500	—	—
V6GV225F-W040	PN25	DN40	25	20		1600	2500	—	—
V6GV225F-W050	PN25	DN50	40	20		1200	2500	—	—
V6GV225F-W065	PN25	DN65	63	20		900	2500	—	—
V6GV225F-W080	PN25	DN80	90	20		700	2500	—	—
V6GV225F-W100	PN25	DN100	160	40		—	—	2500	—
V6GV225F-W125	PN25	DN125	250	40		—	—	2300	—
V6GV225F-W150	PN25	DN150	400	40		—	—	1800	—
V6GV225F-W200	PN25	DN200	630	40	ML3524	—	—	—	2500
V6GV225F-W250	PN25	DN250	900	40		—	—	—	2200

Spare Parts Information

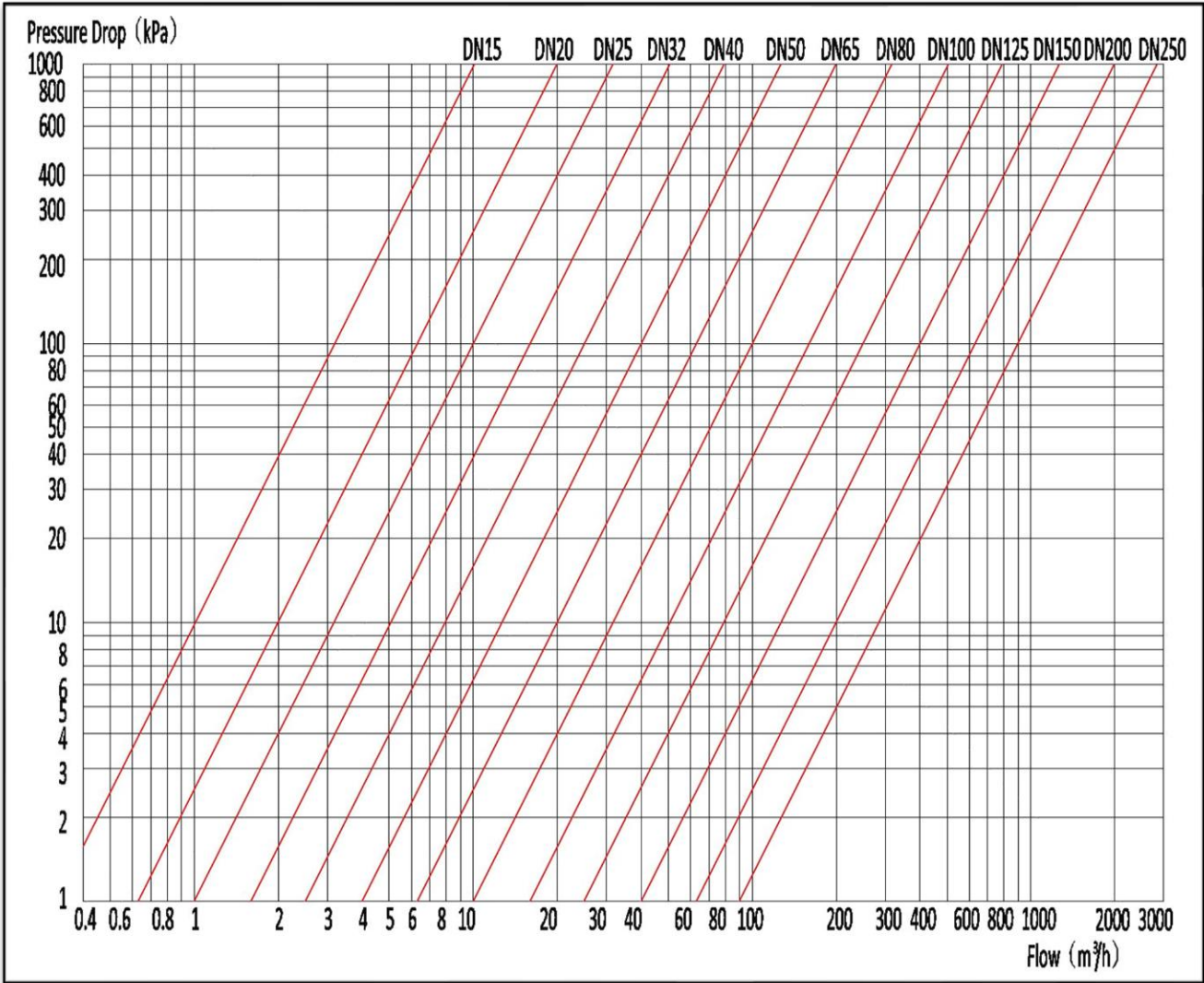
Spare Parts	SKU	Available Sizes
Stem seal kit	V6GV-SK1	DN15 to DN250

Note: The stem seal kit of the globe valve is a vulnerable part. Frequent movements and vibrations of the valve stem will accelerate the damage of the seal kit, thus causing stem seal to be damaged and causing leakage from the stem. If damage occurs, the seal kit (spring not included) can be replaced according to the installation instructions to extend the service life of the valve.

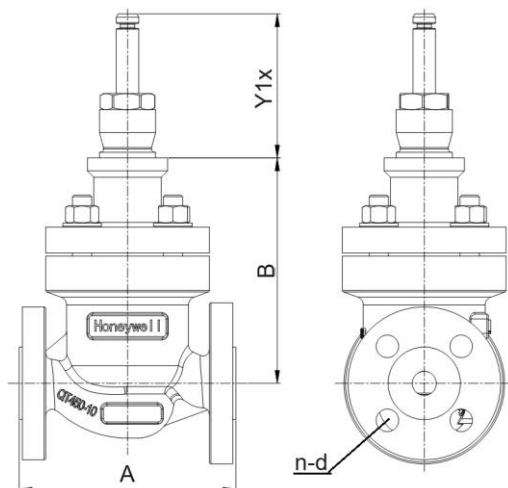
Flow Characteristics Curve



Pressure Drop Chart



Dimension (mm) and Weight (kg)



SKU	PN	DN	A	B	Y1x (Closed position)	n-d	Weight
V6GV216F-W015	PN16	DN15	130	142	89	4-14	6.5
V6GV216F-W020	PN16	DN20	150	142	89	4-14	7
V6GV216F-W025	PN16	DN25	160	142	89	4-14	8
V6GV216F-W032	PN16	DN32	180	142	89	4-14	9
V6GV216F-W040	PN16	DN40	200	142	89	4-14	14
V6GV216F-W050	PN16	DN50	230	142	89	4-14	16
V6GV216F-W065	PN16	DN65	290	170	89	4-14	30
V6GV216F-W080	PN16	DN80	310	170	89	8-19	35
V6GV216F-W100	PN16	DN100	350	175	131	8-19	50
V6GV216F-W125	PN16	DN125	400	242	131	8-19	82
V6GV216F-W150	PN16	DN150	480	242	131	8-19	105
V6GV216F-W200	PN16	DN200	600	283	131	12-23	190
V6GV216F-W250	PN16	DN250	730	300	131	12-23	290
V6GV225F-W015	PN25	DN15	130	142	89	4-14	6.5
V6GV225F-W020	PN25	DN20	150	142	89	4-14	7
V6GV225F-W025	PN25	DN25	160	142	89	4-14	8
V6GV225F-W032	PN25	DN32	180	142	89	4-14	9
V6GV225F-W040	PN25	DN40	200	142	89	4-14	14
V6GV225F-W050	PN25	DN50	230	142	89	4-14	16
V6GV225F-W065	PN25	DN65	290	170	89	4-14	30
V6GV225F-W080	PN25	DN80	310	170	89	8-19	35
V6GV225F-W100	PN25	DN100	350	175	131	8-23	50
V6GV225F-W125	PN25	DN125	400	242	131	8-28	82
V6GV225F-W150	PN25	DN150	480	242	131	8-28	105
V6GV225F-W200	PN25	DN200	600	283	131	12-28	190
V6GV225F-W250	PN25	DN250	730	300	131	12-31	290



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