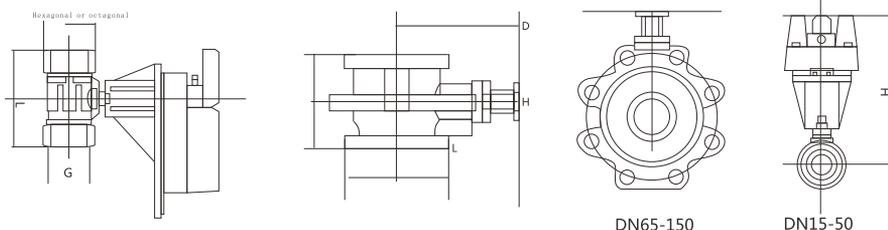


LFZ-DQ

Electrical regulating ball valve



In HVAC and water system, ball valves are used as automatic control valves. It has adjustable flow ratio, high reliability and long service life. It uses graphite to strengthen the valve body sealing ring and double EPDM valve stem sealing ring. It has integrated valve distribution butterfly inside and is not afraid of reverse pressure difference. It has the characteristic of equal percentage flow. Its high turn-off pressure is 1.4MPa. The rated working pressure is PN20. The maximum working pressure difference is 0.35Mpa. It has a manual actuator short-circuit push button. Working temperature is -5 to 121 °C. It is suitable for central air conditioning, hot and cold water supply system, steam humidification, etc.

Dimensional Drawing

Model	G	H(mm)	H1(mm)	L(mm)	Model	Flange indexing circle L(mm)	D(mm)	H(mm)	n-d
DN 15	G1/2	184	37.5	60	DN 65	145	97	105	4-18
DN 20	G3/4	184	44	73	DN 80	160	108	120	8-18
DN 25	G1	189	47	89	DN 100	175	120	145	8-18
DN 32	G1-1/4	199	52.5	102.5	DN 125	200	145	175	8-18
DN 40	G1-1/2	208	57	113	DN 150	230	165	205	8-18
DN 50	G2	219	62	127.5					

Dimension in : mm

Specification

Model		Diameter	Two-way flow	Power supply	Control signal	F auxiliary switch	Bracket	Actuator
Two-way	Three-way							
LFZ-DQ 15-V	LFZ-DQ 15-Y	DN 15	4.0	AC/DC24V/230V	switch/adjust	one set	High platform ball valve bracket with packing / short ball valve bracket with packing	Actuator with 4NM
LFZ-DQ 20-V	LFZ-DQ 20-Y	DN 20	4.0	AC/DC24V/230V	switch/adjust	one set	High platform ball valve bracket with packing / short ball valve bracket with packing	Actuator with 4NM
LFZ-DQ 25-V	LFZ-DQ 25-Y	DN 25	10.0	AC/DC24V/230V	switch/adjust	two sets	High platform ball valve bracket with packing / short ball valve bracket with packing	Actuator with 6NM
LFZ-DQ 32-V	LFZ-DQ 32-Y	DN 32	16.0	AC/DC24V/230V	switch/adjust	two sets	High platform ball valve bracket with packing / short ball valve bracket with packing	Actuator with 6NM
LFZ-DQ 40-V	LFZ-DQ 40-Y	DN 40	25.0	AC/DC24V/230V	switch/adjust	two sets	High platform ball valve bracket with packing / short ball valve bracket with packing	Actuator with 6NM
LFZ-DQ 50-V	LFZ-DQ 50-Y	DN 50	40.0	AC/DC24V/230V	switch/adjust	two sets	High platform ball valve bracket with packing / short ball valve bracket with packing	Actuator with 6NM
LFZ-DQ 65-V	/	DN 65	63.0	AC/DC24V/230V	switch/adjust	two sets	High platform ball valve bracket with packing	Actuator with 16NM
LFZ-DQ 80-V	/	DN 80	100.0	AC/DC24V/230V	switch/adjust	two sets	High platform ball valve bracket with packing	Actuator with 16NM
LFZ-DQ 100-V	/	DN 100	160.0	AC/DC24V/230V	switch/adjust	two sets	Ball valve bracket with packaging	Actuator with 24NM
LFZ-DQ 125-V	/	DN 125	250.0	AC/DC24V/230V	switch/adjust	two sets	Ball valve bracket with packaging	Actuator with 24NM
LFZ-DQ 150-V	/	DN150	400.0	AC/DC24V/230V	switch/adjust	two sets	Ball valve bracket with packaging	Actuator with 32NM

Technical Parameter

General	Value	General	Value
Diameter range	DN15-DN150	Rotation angle	0-90°
Connection mode	DN15-DN50(female thread connection) DN65-DN150(flanged connection)	Installation position	vertical installation
Medium	Hot and cold water, unsaturated steam, 50% ethanol water, etc.	Flow characteristics	Equal percentage
Medium temperature range	-5°C-120°C	Bearing pressure of valve body	1.6Mpaflang2.0Mpa screw thread
Adjustable ratio of valve	>100	Material of valve body	Forged brass (thread) nodular cast iron (flange)
Leakage rat	no leakage from the factory	Valve core material	304 stainless steel
Max. allowable pressure difference	0.35Mpa	Valve stem material	304 stainless steel
Max. cut off pressure difference	1.4Mpa	Sealing ring	EPDM