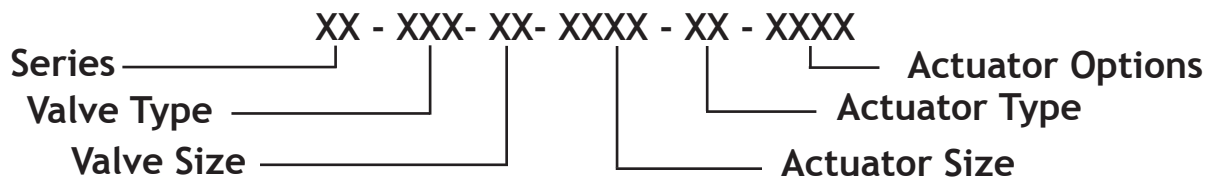


INSTRUPAK BALL VALVE PART NUMBERING GUIDE



FOR EXAMPLE: IP-2P-20-200-E-A-4-2S-HT = 2" FULL PORT BRASS BALL VALVE AND 115VAC ELECTRIC ACTUATOR WITH NEMA 4 ENCLOSURE, 2 AUXILIARY LIMIT SWITCHES AND HEATER/THERMOSTAT

INSTRUPAK SERIES NUMBER/VALVE MATERIAL

IP	BRASS	IS	STAINLESS STEEL	IC	PVC
IB	BRASS W/SS TRIM	FW	CARBON STEEL/FIRE SAFE	IV	CPVC
IZ	BRONZE	FS/FW	FIRE SAFE (SS or WCB)	X-	SPECIAL APPLICATION

VALVE TYPE

2P	TWO-PIECE	3PB	3-PIECE BUTT WELD	2PF	2-PIECE FLANGED
3PT	THREE-PIECE THREADED	3WL	3-WAY L-PORT THREADED	3TC	3-PIECE TRI-CLAMP
3PS	THREE-PIECE SOCKET	3WT	3-WAY T-PORT THREADED	3WLF	3-WAY FLANGED

VALVE SIZE

02	1/4"	12	1-1/4"	40	4"
03	3/8"	15	1-1/2"	60	6"
05	1/2"	20	2"	80	8"
07	3/4"	25	2-1/2"	100	10"
10	1"	30	3"	120	12"

ACTUATOR SIZE

32	BI-32	115	BI-115	400	BI-400
52	BI-52	125	BI-125	675	BI-675
63	BI-63	200	BI-200	1000	BI-1000
75	BI-75	270	BI-270	1500	BI-1500
85	BI-85	300	BI-300	2000	BI-2000
100	BI-100	350	BI-350	3800	BI-3800

ACTUATOR TYPE

DA	PNEUMATIC DOUBLE ACTING	GS	CAST STEEL GEAR OPERATOR
SR	PNEUMATIC SPRING RETURN	GA	ALUMINUM GEAR OPERATOR
E	ELECTRIC ACTUATOR	L	LEVER OPERATOR

ELECTRIC ACTUATOR OPTIONS

A	115VAC	4X	NEMA 4X	HT	HEATER/STAT
B	24VDC	7	NEMA 7	SC	SPEED CONTROL
C	24VAC	2S	2 AUX. SWITCHES	T	TIMER
F	12VDC	P1	POWER OFF BRAKE	L	LIGHT INDICATION
H	230VAC	1	FEEDBACK POT.	IND	DOME INDICATOR
4	NEMA 4	VP	4-20MA POSITIONER	TS	TORQUE SENSOR

PNEUMATIC ACTUATOR OPTIONS

FO	FAIL OPEN	IND	DOME INDICATOR	L4	NEMA 4 SWITCHBOX
EX	EPOXY COATING	U4	NEMA 4/120VAC SOLENOID	L7	NEMA 7 SWITCHBOX
SS	STAINLESS STEEL	U7	NEMA 7/120VAC SOLENOID		

OTHER BALL VALVE TYPES, SEAT MATERIALS, BODY MATERIALS AND TRIM MATERIALS ARE AVAILABLE. PLEASE CONSULT TECHNICAL SALES DEPARTMENT FOR OPTIONAL COMBINATIONS. NOTE: NOT ALL COMBINATIONS ARE POSSIBLE. PLEASE CONSULT WITH FACTORY BEFORE ORDERING.