



BIFFI MORIN OPTIONS CODE INDEX

DESCRIPTION	CODE
Approvals	
ATEX Approved Actuators	AX
Australia with 3.1 documents and checklist	A 3.1
GOST certified Actuators.	GOST
Bushing (Output and piston rod) Modifications	
Teflon Bushings (for "B" series O.P.S. & Piston Rod)	TB
Teflon Bushings (for "B" series O.P.S.)	TBO
Teflon Bushings (for "B" series Piston Rod)	TBP
U.H.M.W .P.E. Bushings	U
Bronze Bushings (For "S" series O.P.S. and Piston Rod)	BB
Cylinder Port Modifications	
Oversized Ports	OP
Oversized Ports – Located 90° clockwise from standard port	OP1
Oversized Ports – Located 180° clockwise from nameplate	OP2
Straight Port Threads (MS16142)	ST
Dampers	
Hydraulic Damper - End of Stroke	HD
HD Hydraulic Damper - Full Stroke	HDF
Drain ports for HP	
Drain ports to be located 90° from port	DP1
Drain ports to be located 180° from port	DP2
Drain ports to be located 180° from port & rotated 90° (OBSOLETE)	DP2R
Drain ports (2), 1 drain port down & 1 drain port up in relation to standard port (drain ports to be located 90° and 270° from port)	DP3
Fire Proofing	
K-MASS Coating	K
Full Stroke Adjusters	
Full Stroke Adjustment - Both Sides	FSA
Full Stroke Adjustment - Left Side of actuator nameplate	FSL
Full Stroke Adjustment - Right Side of actuator nameplate	FSR
Full Stroke Adjustment Retained - Both Sides	FSAR
Full Stroke Adjustment Retained - Left Side of actuator nameplate	FSLR
Full Stroke Adjustment Retained - Right Side of actuator nameplate	FSRR
Hydraulic Override	
Hydraulic Override	MHP
Hydraulic Override with Lockout - MHPL	MHPL
Hydraulic Override (Uncoupled)	MHPU
Lock Out / Tag Out	
Lockout - Open Direction	L1
Lockout - Closed Direction	L2
Lockout - Both Direction	L3



BIFFI MORIN OPTIONS CODE INDEX CONTINUED

DESCRIPTION	CODE
Lubricants	
Grease - 3 /4 F ill for Housings	G
Food Grade Grease – ¾ fill for housing	FGG
Mechanical Override	
Jackscrew Override	JSO
Jackscrew Override with Lockout	JSOL
Jackscrew Override with stainless steel hand wheel and rod cover (if applicable)	JSPSHR
ENP Jackscrew	JEN
Mounting Kit Modifications	
Retained Coupling option on mounting kits – coupling permanently mounted to actuator w/pin	R
Paint	
E Coat	EC
Epoxy Paint	EX
Epoxy Paint (Amercoat 68)	EX1
Epoxy Paint ESSO:	EX2
Intergard 251 - red color (primer), Interseal 670HS - buff color (first coat), Interfine 629HS /AS2700-N35 - light gray color (top coat)	
Epoxy Paint color requested by customer...specifics must be in description	EXX
Customer requested paint color - specifics must be in description	COL
Partial Stroke Testing Device 'PSTD' (Integral)	
PSTD (Fully Closed / Partially Open) -	PS1
PSTD (Fully Open / Partially Closed)	PS2
PSTD - 5 /8" w/ Magnetic Activator (Fully Closed / Partially Open)	PS2M
PSTD - 5 /8" w/ Magnetic Activator (Fully Open / Partially Closed)	PS1M
Proximity Switch Preparation (Integral in the housing - Does not include switch)	
Proximity Prep - 5/8 with Magnetic Activator (for Westlock Silver Bullet)	P1M
Proximity Prep - 5/8 with Ferrous Activator (for GO)	P1
Proximity Prep - 18mm with Ferrous Activator (for P&F)	P2
Proximity Prep - 12mm with Ferrous Activator (for P&F, Turck)	P3
Seals - Low / High Temperature	
EPDM Seals	EP
High Temp Seals (Viton)	V
Low Temp Seals (Parker No. N103-70)	LT
Low Pressure Hydraulic (OBSOLETE)	H
HP Actuators for Static Service (OBSOLETE)	O
Water Service Actuators	
Water Hydraulic Service	WH

Note:

These codes are used when needed on actuator nameplates, sales documents, and all other documents or correspondence describing Biffi Morin actuators.



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DESCRIPTION	CODE
Other Options	
ENP Piston / Adaptor / End cap - EN	EN
Stainless Steel - 316 - External Fasteners - 316EF	316EF
Stainless Steel Breathers - SB	SB
Stainless Steel External Fasteners - SEF	SEF
Stainless Steel Fasteners - SF	SF
Stainless Steel Springs - SSP	SSP
Stainless Wetted Parts - SW	SW
Stainless Steel Output Shaft (for "B" & "C" series) - SO	SO
Non-Symmetrical Output Shaft - NSS	NSS
Hole through length of Output Shaft - HS	HS
45° Rotated Drive - Model 15 Power head	RS

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