

XL2 Series

Model Code

M	C	2	***	**	**	**	**	*	**	*	*	**	**	**	**	B													
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30

1		Product		16		32.00 [1.260] dia. straight shaft with M8 X 1.25-6H thread in end, 9.982 [.3930] W X 7.995 [.3132]H x 45.00 [1.772]L key																	
2		3		Series		35		25.40 [1.000] dia. 6B spline per SAE J499 with .250-20 UNC-2B thread in end, 25.40 [1.000] minimum full spline length															
C 2		Xcel XL2 Series		98		25.00 [.984] dia. straight shaft with M8 X 1.25-6H thread in end, 7.982 [.3142]W X 6.954 [.2738]H X 32[1.260]L key		99		31.75 [1.250] dia. Flat root side fit, 14 tooth, 12/24 DP 30 deg. Involute spline with M8X1. 25-6H thread in end, 37.0 [1.46] minimum full spline length, 139[5.471] oal shaft length													
4		5		6		Displacement cm³/r [in³/r]		11		12		Port description											
080		80.6 [4.92]		100		101.6 [6.20]		130		130.6 [7.97]		160		158.1 [9.65]									
195		194.8 [11.89]		245		244.3 [14.91]		305		306.6 [18.71]		395		393.8 [24.03]									
490		489.0 [29.8]		7		8		Mounting description		AA		7/8-14UNF-2B SAE O-ring ports - staggered ports		AE		13.0 [.512] dia. manifold ports with 3X M10 X 1.5-6H port block mounting holes							
AB		Wheel, 4 bolt: 108.0 [4.25] Pilot dia. 13.59 [.535] dia. Holes on 147.6 [5.81] dia. Bolt circle. 127.0 [5.00] dia. Rear mount pilot		AC		Standard, 2 bolt: 82.6 [3.25] Pilot dia. 13.59 [.535] dia. Holes on 106.4 [4.19] dia. Bolt circle. SAE A		AD		Bearingless (w/ leakage slots), 4 bolt: 101.6 [4.00] Pilot dia. 13.59 [.535] dia. Holes on 127.0 [5.00] dia. bolt circle		AH		Standard, 4 bolt: 82.6 [3.25] Pilot dia. 13.59 [.535] dia. Holes on 106.4 [4.19] dia. Bolt circle		AG		G 1/2 BSP straight THD ports – staggered ports					
AJ		Standard (magneto), 4 bolt: 82.6 [3.25] Pilot dia. 13.59 [.535] dia. Holes on 106.4 [4.19] dia. Bolt circle. 2.79 [.110] Pilot length		BA		M22X 1.5-6H ports per ISO9974-1- staggered ports		ZA		M22X 1.5-6H ports per ISO9974-1- end ports		ZB		M22X 1.5-6H ports per ISO9974-1- side ports (Position 180° apart)		AS		G 1/2 BSP straight THD ports – staggered port with 2X M10 X 1.5-6H port block mounting holes - European					
ZC		1 1/16-12 O-ring ports -side ports (Position 180° apart)		13		14		Case flow options		00		None		01		7/16-20UNF-2B SAE O-ring port		02		G 1/4 BSP straight THD port			
10		Output shaft description		01		25.4 [1.000] dia. straight shaft with .250-20 UNC-2B hole in shaft end, woodruff key		10		G 1/4 BSP straight THD port with optional G 1/4 BSP straight THD port in mounting flange		90		M14X 1.5-6H ports per ISO9974-1- end ports		91		M14X 1.5-6H ports per ISO9974-1- side ports (Position 180° apart)		92		7/16-20 O-ring ports -side ports (Position 180° apart)	
02		31.75 [1.250] dia. straight shaft with .375 -16 UNC-2b thread in end, 7.938 [.3125] Sq. X 31.75 [1.250] straight key		03		31.75 [1.250] dia. .125:1 tapered shaft per SAE j501 with 1.000-20 UNEF-2A threaded shaft end and slotted hex nut, 7.938 [.3125] sq. X 25.40 [1.000] straight key		04		31.75 [1.250] Dia. flat root side fit, 14 tooth, 12/24 dp 30 deg. involute spline with .375-16UNC-2B thread in end, 33.0 [1.30] minimum full spline length													

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15	Low pressure relief	
0	None	
16 17	Pressure/flow option	
00	None	
17	Relief valve set @ 170.0 bar [2465 lbf/in ²]	
18	Geroler option	
1	Standard	
19	Seal option	
0	Standard	
3	High pressure shaft seal	
4	Seal guard	
6	High pressure shaft seal, seal guard	
20 21	Accessories	
00	None	
AE	M12 threaded connector, long body digital speed and direction pickup (two 30 pulse signals in quadrature per revolution pin 1=power supply, pin 2=output signal 1, pin 3=common, pin 4=output signal 2) Supply voltage: 8 to 28 V DC Output voltage low: 0.5 V DC Max at 10 mA	
22 23	Special features (hardware)	
00	None (Standard)	

24 25	Special features (assembly)	
00	None (Standard)	
AA	Flange rotated 90° degrees	
AB	Reverse rotation	
AC	Flange rotated 90° degrees, reverse rotation	
26 27	Paint/packaging	
AA	Blue	
AB	Black	
28 29	Customer identification or name plate	
AA	Standard	
30	Design code	
B	Second	

* For more special features contact your Eaton representative.