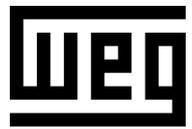


DATA SHEET

Three Phase Induction Motor - Squirrel Cage



Customer :							
Product line		: W22 NEMA Premium Efficiency Three-Phase			Product code :		11456825
Frame : 143/5TC Insulation class : F Duty cycle : Cont.(S1) Ambient temperature : -20°C to +40°C Altitude : 1000 m.a.s.l. Protection degree : IP55 Design : B				Cooling method : IC411 - TEFC Mounting : F-1 Rotation ¹ : Both (CW and CCW) Starting method : Direct On Line Approx. weight ³ : 24.9 kg Moment of inertia (J) : 0.0067 kgm ²			
Output [HP]	1	0.75	0.75	0.75	1	1	1
Poles	6	6	6	6	6	6	6
Frequency [Hz]	60	50	50	50	50	50	50
Rated voltage [V]	230/460	380	400	415	380	400	415
Rated current [A]	3.46/1.73	1.60	1.62	1.66	1.96	1.94	1.95
L. R. Amperes [A]	21.5/10.7	9.28	9.88	10.5	9.41	10.1	10.7
LRC [A]	6.2x(Code K)	5.8x(Code K)	6.1x(Code L)	6.3x(Code M)	4.8x(Code G)	5.2x(Code H)	5.5x(Code J)
No load current [A]	2.20/1.10	1.05	1.15	1.25	1.05	1.15	1.25
Rated speed [RPM]	1160	960	970	970	940	950	950
Slip [%]	3.33	4.00	3.00	3.00	6.00	5.00	5.00
Rated torque [kgfm]	0.626	0.567	0.561	0.561	0.772	0.764	0.764
Locked rotor torque [%]	260	280	300	320	200	229	250
Breakdown torque [%]	300	310	330	340	220	260	280
Service factor	1.25	1.00	1.00	1.00	1.00	1.00	1.00
Temperature rise	80 K	80 K	80 K	80 K	80 K	80 K	80 K
Locked rotor time	50s (cold) 28s (hot)	36s (cold) 20s (hot)	36s (cold) 20s (hot)	36s (cold) 20s (hot)	36s (cold) 20s (hot)	36s (cold) 20s (hot)	36s (cold) 20s (hot)
Noise level ²	50.0 dB(A)	45.0 dB(A)	45.0 dB(A)	45.0 dB(A)	45.0 dB(A)	45.0 dB(A)	45.0 dB(A)
Efficiency (%)	25%						
	50%	77.0	74.8	73.2	70.7	77.0	74.0
	75%	82.0	78.4	77.5	75.8	80.0	78.5
	100%	82.5	79.3	78.9	77.9	78.5	78.5
Power Factor	25%						
	50%	0.45	0.44	0.41	0.38	0.53	0.46
	75%	0.57	0.57	0.53	0.50	0.66	0.59
	100%	0.66	0.66	0.62	0.59	0.74	0.68
Losses at normative operating points (speed;torque), in percentage of rated output power							
Losses (%)	P1 (0,9;1,0)	20.0	20.0	20.0	20.0	20.0	20.0
	P2 (0,5;1,0)	16.7	16.7	16.7	16.7	16.7	16.7
	P3 (0,25;1,0)	16.9	16.9	16.9	16.9	16.9	16.9
	P4 (0,9;0,5)	12.6	12.6	12.6	12.6	12.6	12.6
	P5 (0,5;0,5)	9.2	9.2	9.2	9.2	9.2	9.2
	P6 (0,5;0,25)	7.6	7.6	7.6	7.6	7.6	7.6
	P7 (0,25;0,25)	5.8	5.8	5.8	5.8	5.8	5.8
Bearing type	: Drive end : 6205 ZZ	: Non drive end : 6204 ZZ	Foundation loads				
Sealing	: V'Ring	: V'Ring	Max. traction : 48 kgf				
Lubrication interval	: -	: -	Max. compression : 73 kgf				
Lubricant amount	: -	: -					
Lubricant type	: 00088						
This revision replaces and cancel the previous one, which must be eliminated. (1) Looking the motor from the shaft end.				These are average values based on tests with sinusoidal power supply, subject to the tolerances stipulated in NEMA MG-1.			
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DATA SHEET

Three Phase Induction Motor - Squirrel Cage



Customer : _____

Notes
USABLE @208V 3.82A SF 1.15 SFA 4.39A

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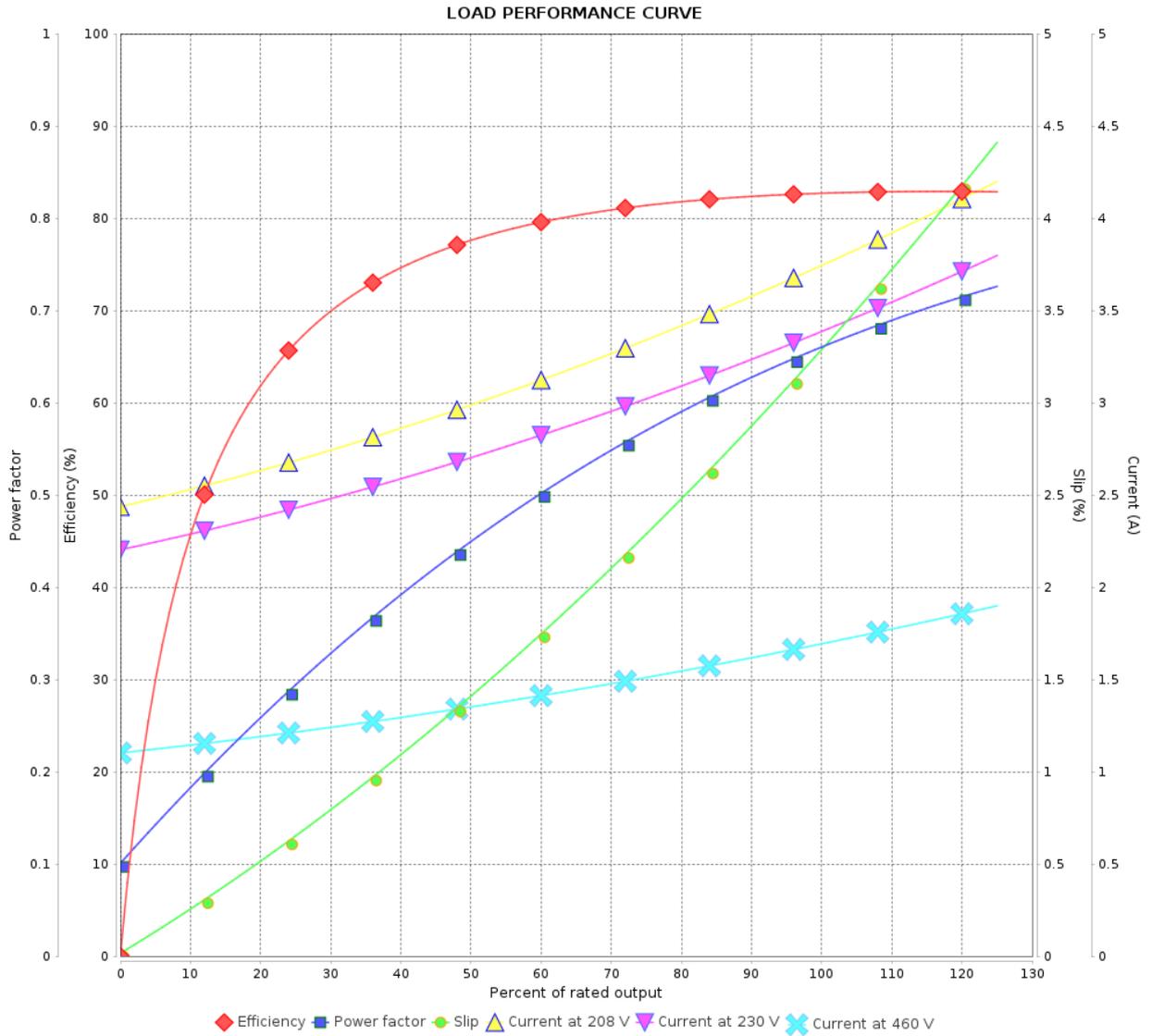
Three Phase Induction Motor - Squirrel Cage



Customer : _____

Product line : W22 NEMA Premium Efficiency Three-Phase

Product code : 11456825



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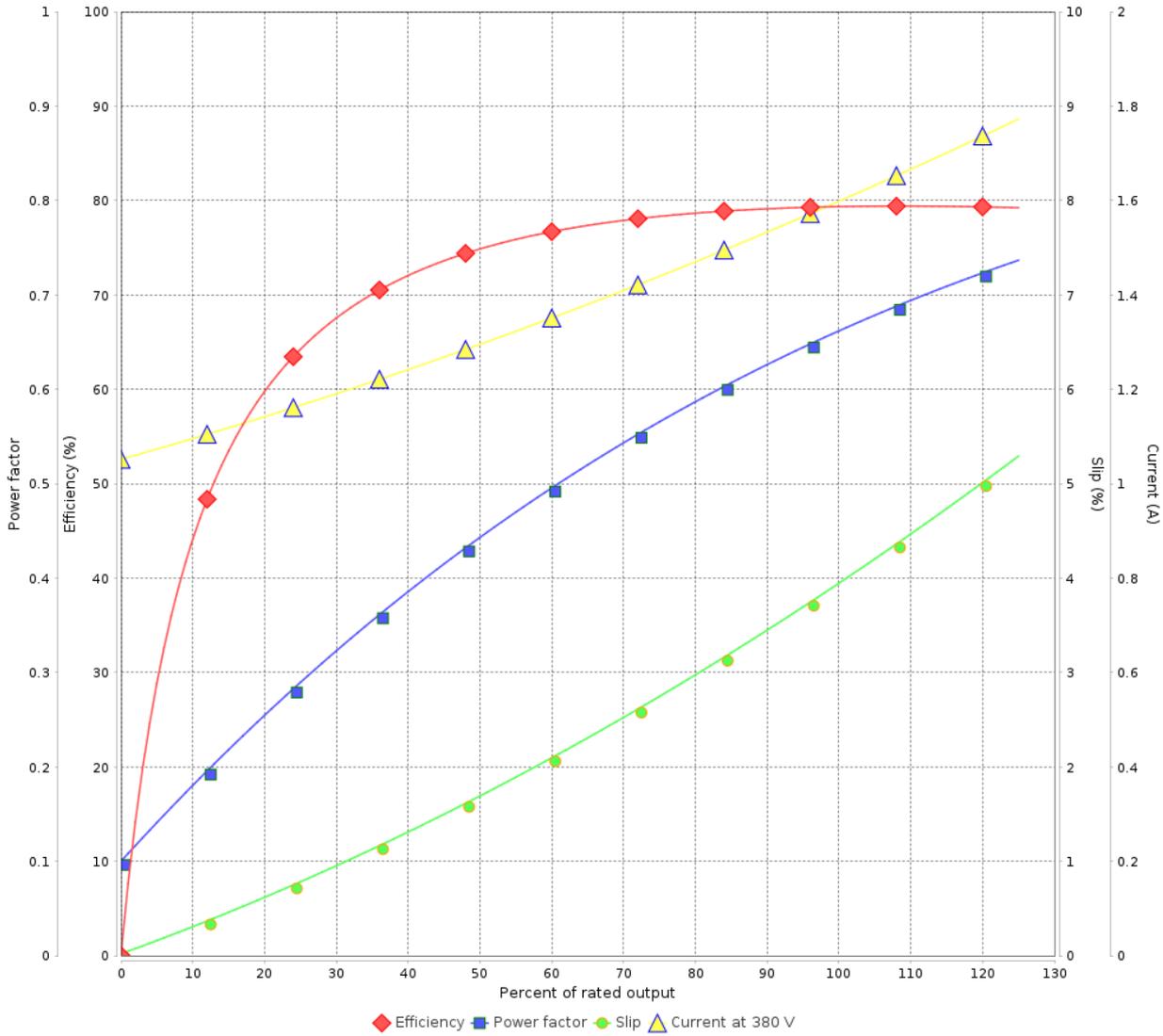
Three Phase Induction Motor - Squirrel Cage



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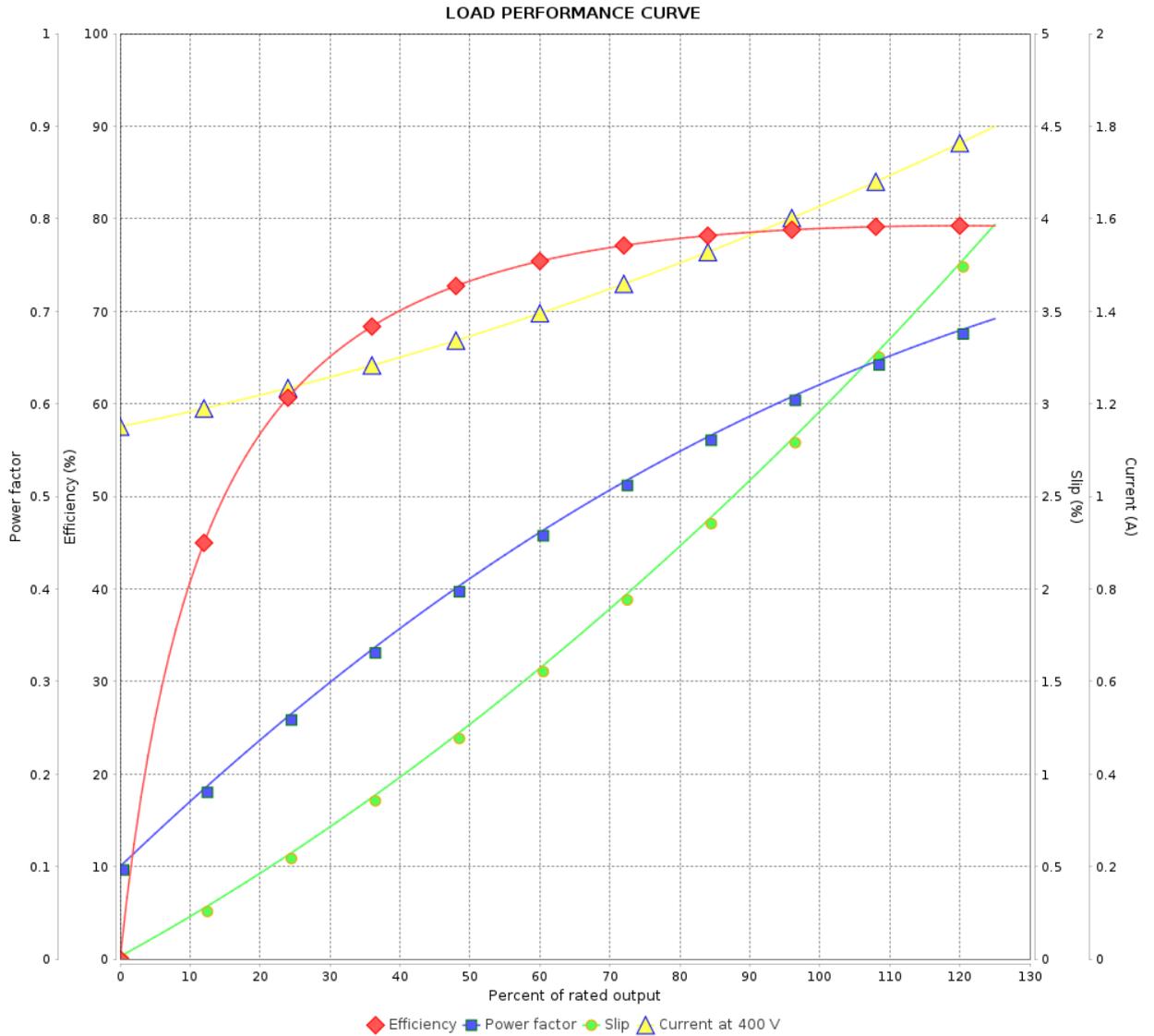
Three Phase Induction Motor - Squirrel Cage



Customer :

Product line : W22 NEMA Premium Efficiency
Three-Phase

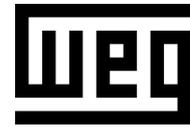
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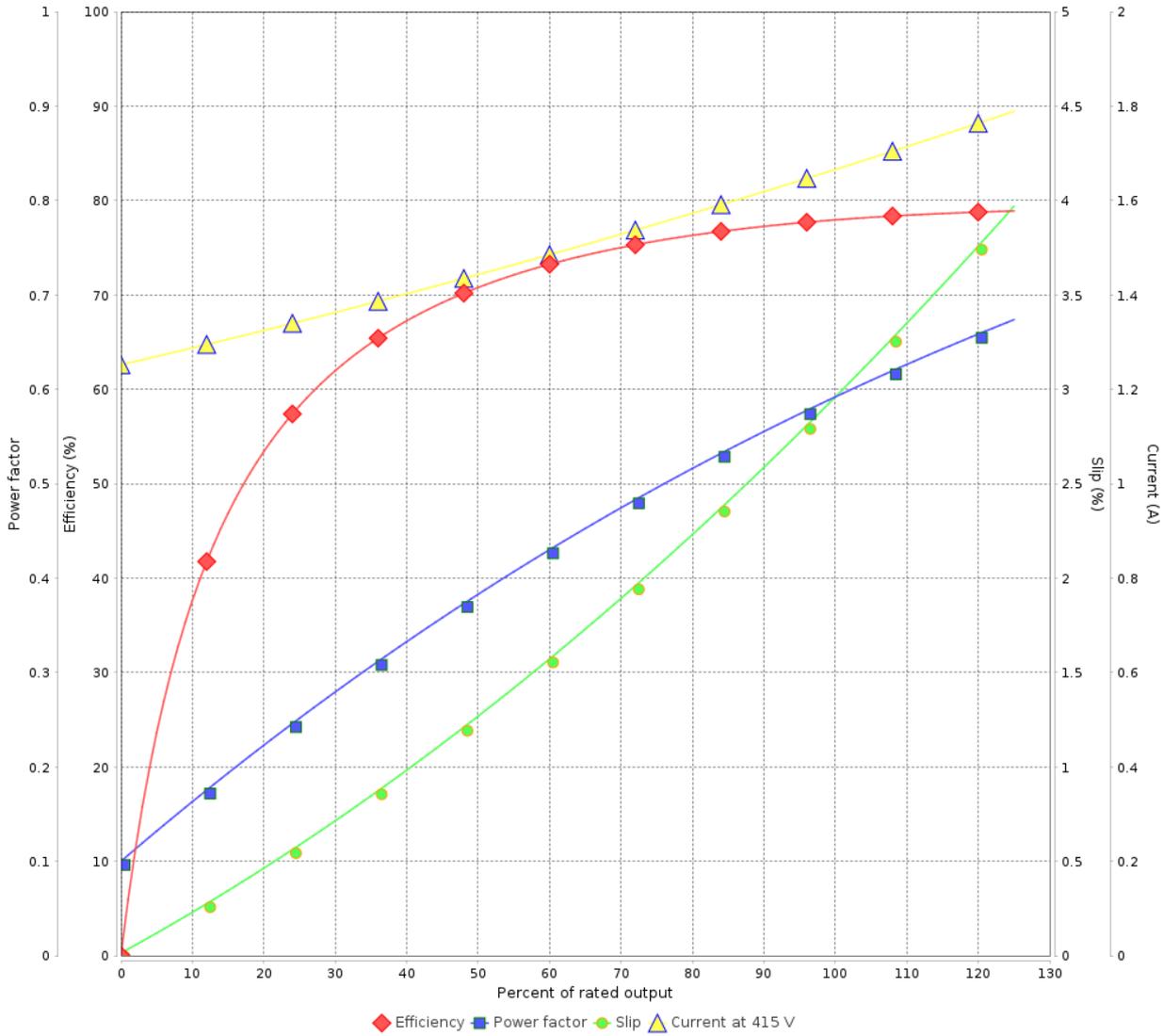
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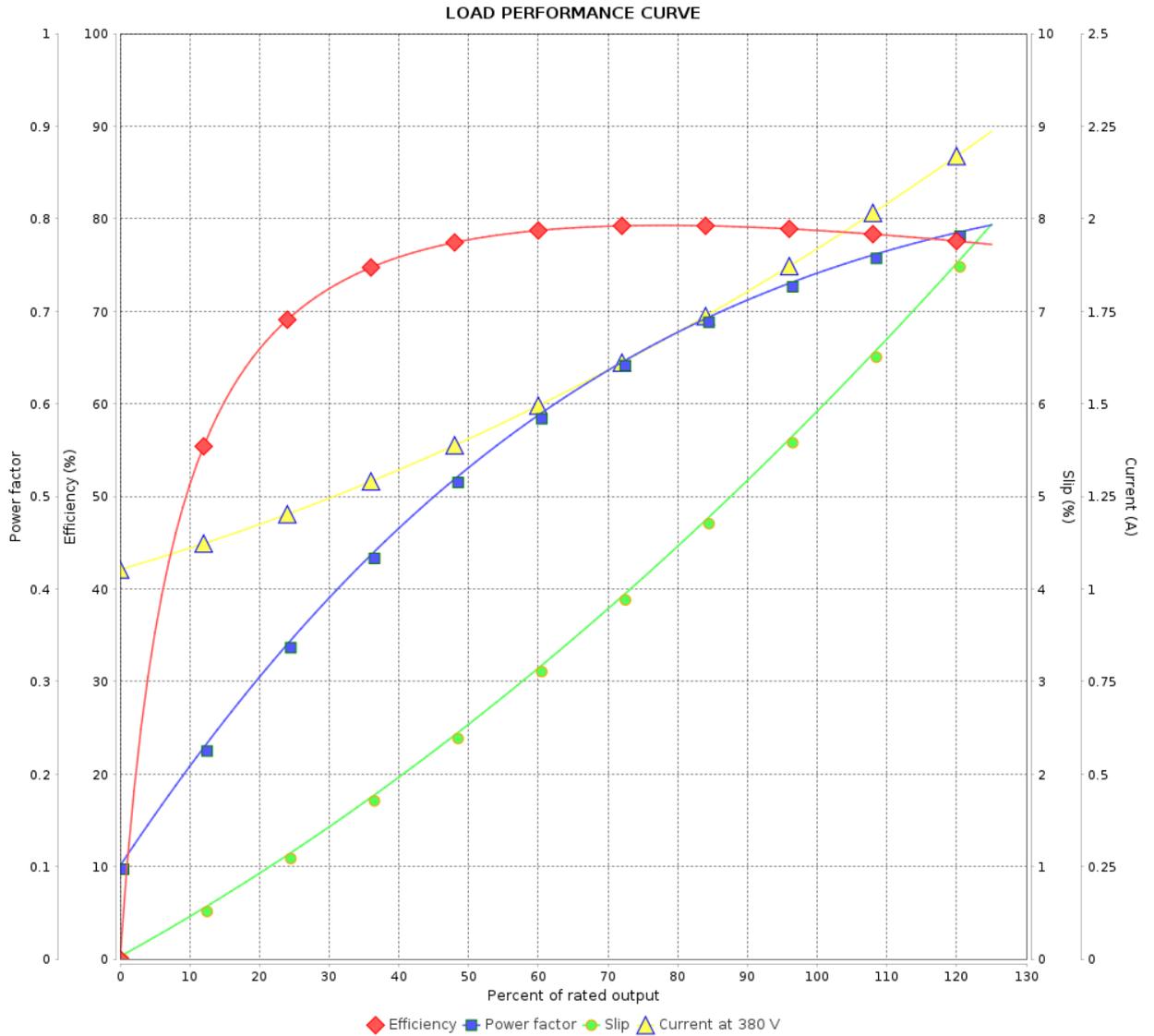
Three Phase Induction Motor - Squirrel Cage



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Product line : W22 NEMA Premium Efficiency
Three-Phase

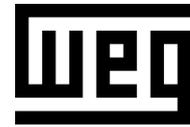
Product code : 11456825



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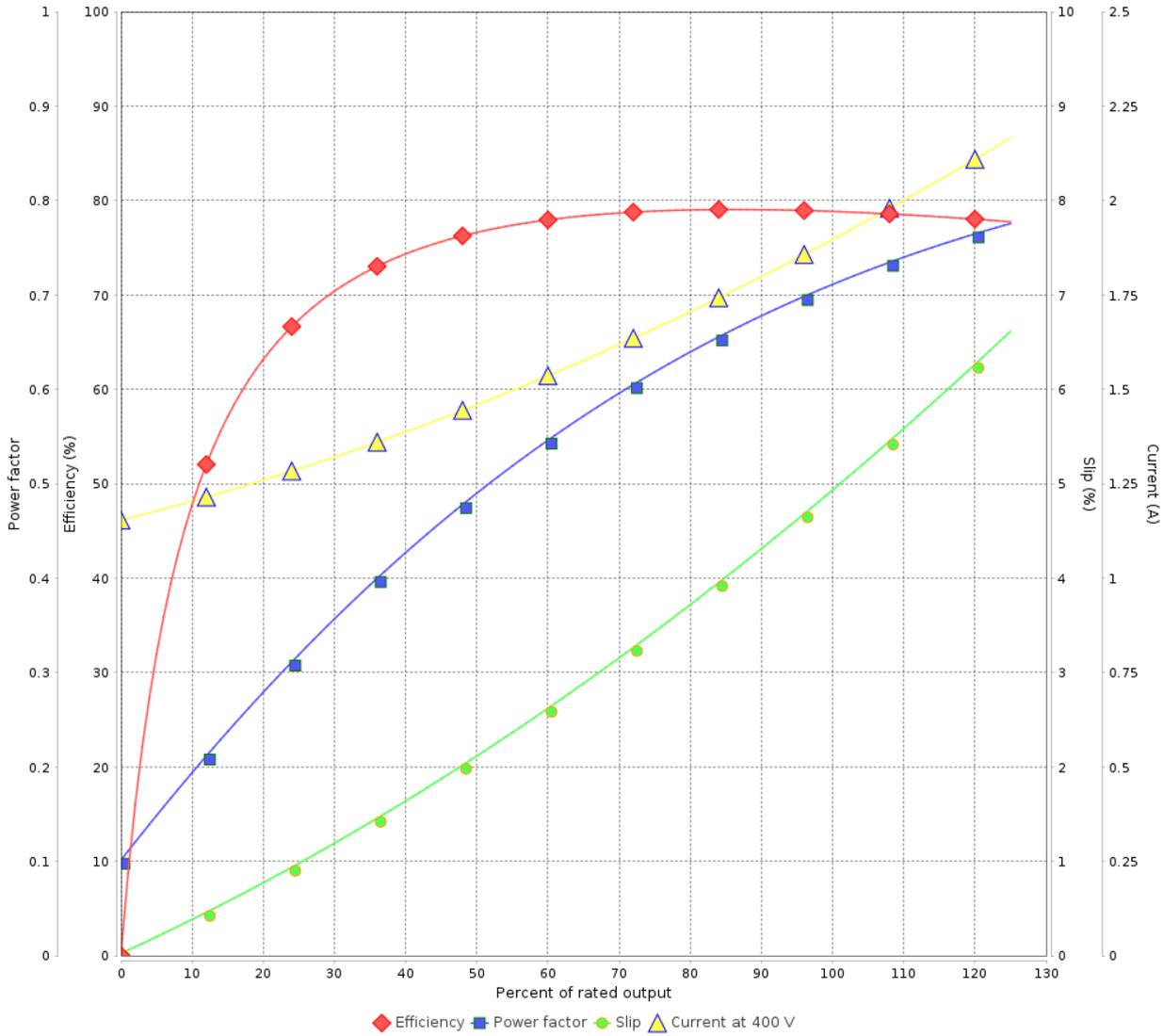
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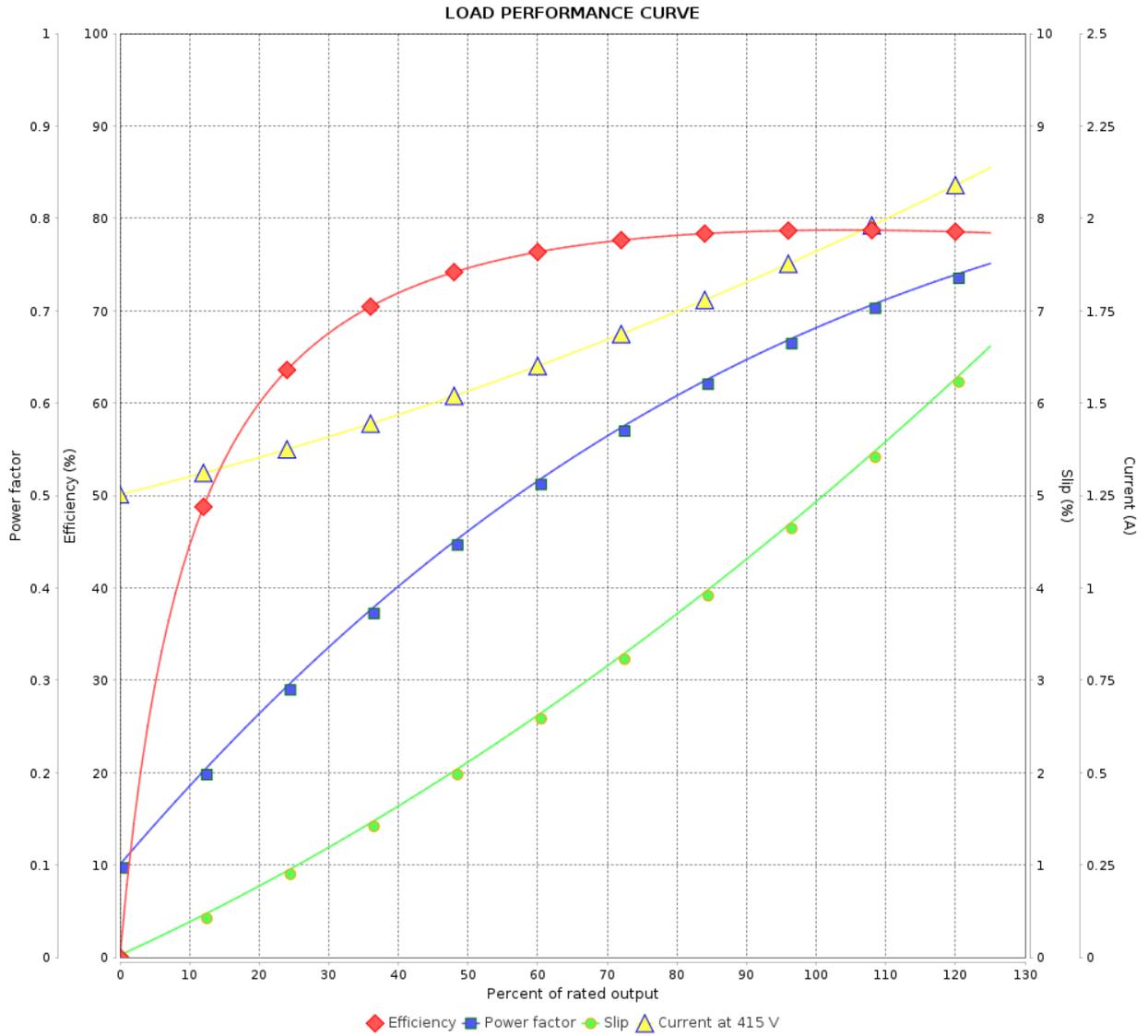
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