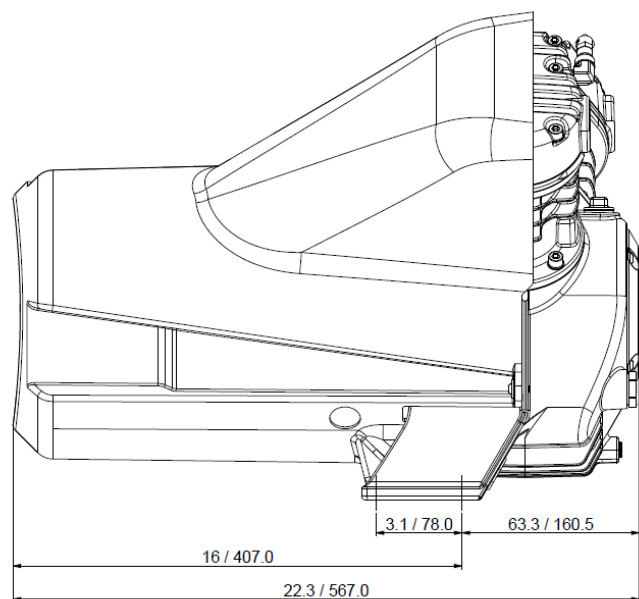
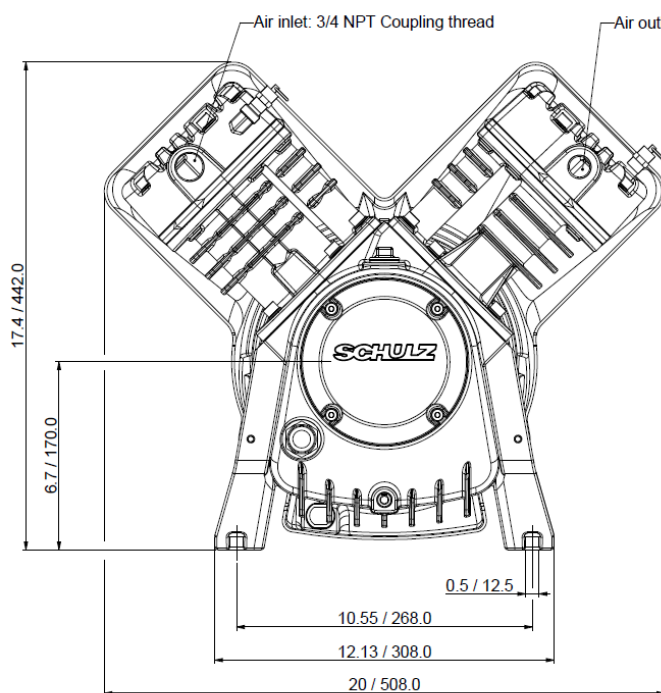
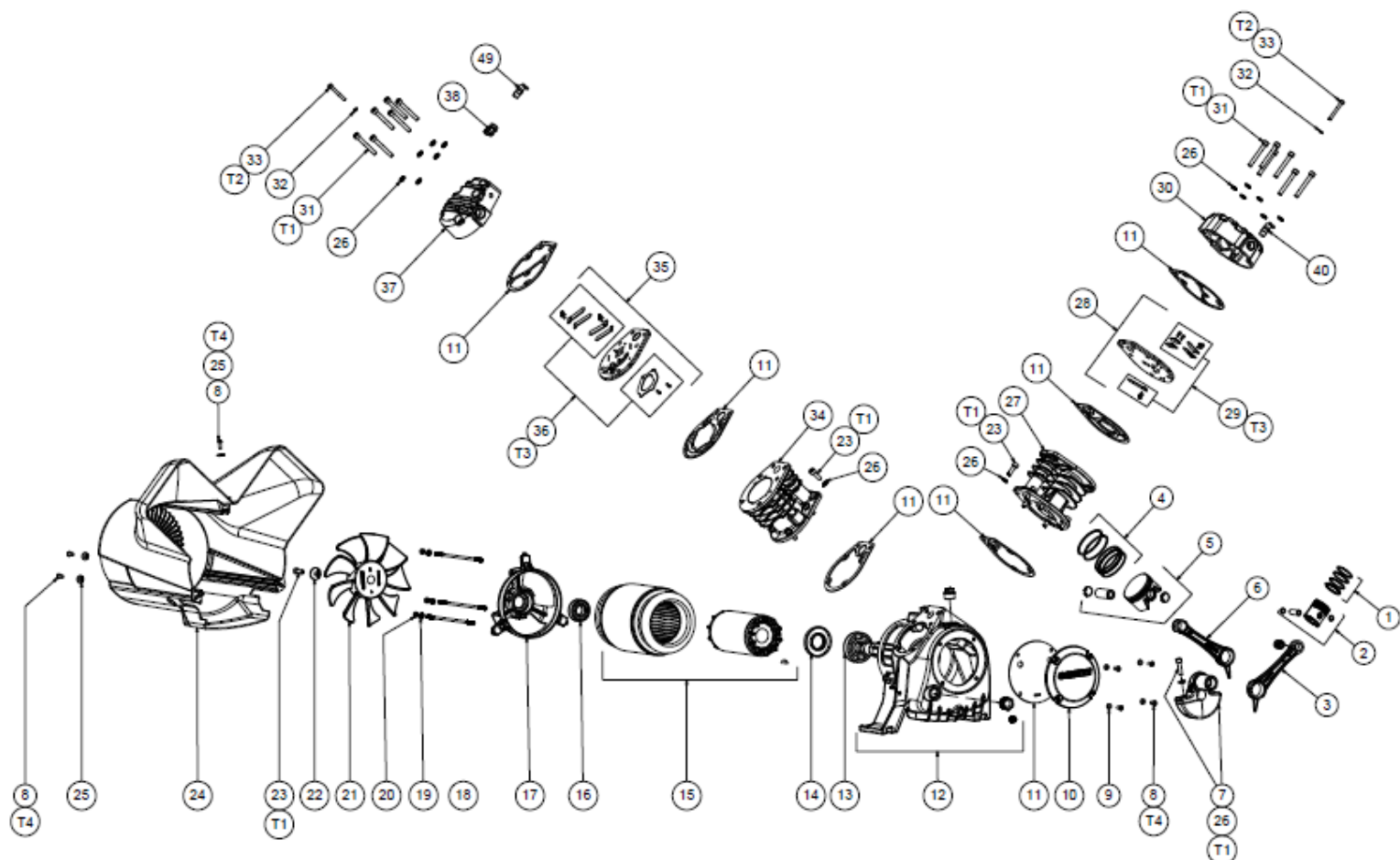
									
Model	Displacement		Maximum Pressure		Rpm	Electric motor					Dimensions (inch / mm)	Lubricant (ml)	Weight (Lbs / Kg)	Painting
	cfm	l/min.	psig	bar		hp	KW	Hz	Poles	Voltage (V)				
MCSV-20 AP Three-phase	20	566,4	175	12	1710	5	3,7	60	4	230	See below	1200	121.7 / 55,200	Black (Pump)
MCSV-20 AP Single-phase					1750								133.1 / 60,370	





SCREW LIST - Applying torque values

Number		TORK		DENOMINATION
		N.m	lbf.in	
23	T1	33	288,8	M8-1,25 x 25 mm
31	T1			M8-1,25 x 65 mm
7	T1			M8-1,25 x 30 mm
33	T2	12	105	M6-1 x 50 mm
29 / 36	T3	2,2	19,25	M3-0,5 x 8 mm
8	T4	12	105	M6-1 x 16 mm

Nº	CODE	DENOMINATION	QTY.
1	830.1268-0	Piston Ring Set (High Pressure)	1
2	701.0416-0/AT	Piston (High Pressure)	1
3	830.1269-0	Connecting rod (High Pressure)	1
4	830.1229-0/AT	Needle bearing	1
5	016.0123-0/AT	Piston (Low Pressure)	1
6	709.2053-0/AT	Connecting rod (Low Pressure)	1
7	709.2065-0/AT	Crankshaft	1
8	*	Socket Head Cap Screws M8-1,25 x 30mm, Class 12.9	1
9	*	Lock washer Nd = 8 mm	1
10	830.2662-0	Button Head Screw M6-1 x 16 mm, Class 12.9	7
11	830.2621-0	Flat washer Nominal diameter = 6,5 mm x External diameter = 12 mm	4
12	830.2622-0	Front cover assembly	1
13	019.0111-0/AT	Sealing assembly	1
14	023.0500-0/AT	Crankcase	1
15	015.1168-0/AT	Bushing	1
15.1	015.1194-0/AT	Pressure Plug 1/4" BSP	1
16	019.0117-0/AT	Pressure Plug 3/4" BSP	1
17	709.2064-0/AT	Bearing	1
18	*	Oil seal	1
		Three-Phase Electric motor 230V 60Hz	1
		Single-Phase Electric motor 230V 60Hz	1
		Bearing	1
		Electric motor cover	1
		M6-1 x 200 mm screw rod. (three phase) / M6-1 x 220 mm screw rod. (Single phase)	3

Nº	CODE	DENOMINATION	QTY.
19	*	Lock washer Nd = 6 mm	3
20	*	Hex nut M6-1	3
21	709.2066-0/AT	Propeller	1
22	*	Flat washer Nominal diameter = 8 mm x External diameter = 29 mm	1
23	*	Socket Head Cap Screws M8-1,25 x 25mm, Class 12.9	13
24	028.0776-0/AT	Protection cover (Three-Phase)	1
24.1	028.0942-0/AT	Cable gland	1
		Protection cover (Single-Phase)	1
		Electrical conduit	1
25	*	Flat washer Nominal diameter = 7 mm x External diameter = 17 mm	3
26	*	Lock washer Nd = 8 mm	25
27	709.2058-0/AT	Cylinder (High Pressure)	1
28	830.2669-0	Valve plate assembly (High Pressure)	1
29	830.2624-0	Cylinder cover (High Pressure)	1
30	709.2126-0/AT	Valve plate repair (High Pressure)	1
31	*	Cylinder (Low Pressure)	1
32	*	Hex head bolt M8-1,25 x 65 mm, Class 12.9	12
33	*	Copper flat washer, Nd = 6,5 mm x Ed = 11 mm	2
34	709.2125-0/AT	Socket Head Cap Screws M6-1 x 50mm, Class 12.9	2
35	830.2663-0	Cylinder (Low Pressure)	1
36	830.2626-0	Valve plate (Low Pressure)	1
37	709.2128-0/AT	Valve plate repair (Low Pressure)	1
38	*	Cylinder cover (Low Pressure)	1
39	022.0177-0	Elbow 1/8 NPT (Male-female)	1
40	022.0162-0	HP 1/8" ASME safety valve	1
		HP 1/8" ASME safety valve	1

*Part available in the market (not sold by Schulz).

