

N E O V12



60 Hz
MATERIAL AISI316

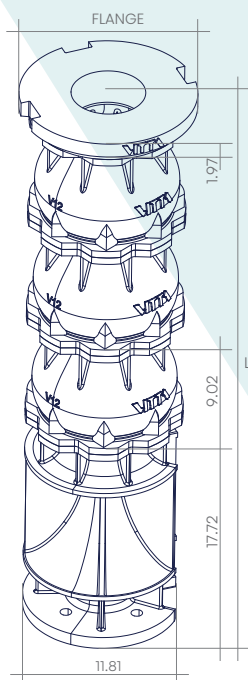
V1237

performance tables

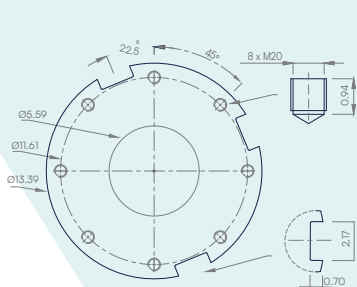
V1237

STAGES	Q (m³/h)	198	261	292	364	410	444	479	517	553	579	596
	Q (US GPM)	871	1,151	1,285	1,601	1,803	1,953	2,111	2,277	2,434	2,548	2,623
	ηh	57.82%	67.21%	70.92%	81.10%	84.62%	85.70%	83.05%	81.59%	79.83%	77.67%	75.91%
1	H (ft)	236.4	227.7	220.1	212.1	203.0	193.2	176.7	162.3	148.7	138.0	130.6
	P (HP)	90.1	98.7	100.9	106.0	109.5	111.4	113.6	114.6	114.7	114.5	114.2
2	H (ft)	472.7	455.3	440.3	424.1	406.1	386.4	353.4	324.6	297.4	275.9	261.3
	P (HP)	180.1	197.4	201.9	211.9	219.0	222.8	227.3	229.2	229.5	229.0	228.5
3	H (ft)	709.0	683.0	660.5	636.2	609.1	579.5	530.1	486.8	446.1	413.8	391.9
	P (HP)	270.2	296.1	302.8	317.9	328.5	334.2	340.9	343.8	344.2	343.5	342.7
4	H (ft)	945.3	910.6	880.6	848.3	812.1	772.7	706.8	649.1	594.8	551.8	522.5
	P (HP)	360.3	394.7	403.8	423.9	438.0	445.6	454.6	458.4	459.0	458.1	457.0
5	H (ft)	1,181.7	1,138.3	1,100.8	1,060.3	1,015.2	965.8	883.5	811.4	743.5	689.8	653.1
	P (HP)	450.3	493.4	504.7	529.9	547.4	556.9	568.2	573.0	573.7	572.6	571.2
6	H (ft)	1,418.0	1,365.9	1,320.9	1,272.4	1,218.2	1,159.0	1,060.2	973.7	892.2	827.7	783.8
	P (HP)	540.4	592.1	605.7	635.8	656.9	668.3	681.9	687.6	688.4	687.1	685.4
7	H (ft)	1,654.4	1,593.6	1,541.1	1,484.5	1,421.2	1,352.2	1,236.8	1,136.0	1,040.9	965.7	914.4
	P (HP)	630.5	690.8	706.6	741.8	766.4	779.7	795.5	802.2	803.2	801.6	799.7
8	H (ft)	1,890.7	1,821.3	1,761.3	1,696.5	1,624.2	1,545.3	1,413.5	1,298.3	1,189.6	1,103.6	1,045.0
	P (HP)	720.5	789.5	807.5	847.8	875.9	891.1	909.1	916.7	917.9	916.1	913.9
9	H (ft)	2,127.0	2,048.9	1,981.4	1,908.6	1,827.3	1,738.5	1,590.2	1,460.6	1,338.3	1,241.6	1,175.7
	P (HP)	810.6	888.2	908.5	953.7	985.4	1,002.5	1,022.8	1,031.3	1,032.7	1,030.6	1,028.1
10	H (ft)	2,363.4	2,276.6	2,201.6	2,120.7	2,030.3	1,931.7	1,766.9	1,622.8	1,487.0	1,379.5	1,306.3
	P (HP)	900.7	986.8	1,009.4	1,059.7	1,094.9	1,113.9	1,136.4	1,145.9	1,147.4	1,145.1	1,142.4

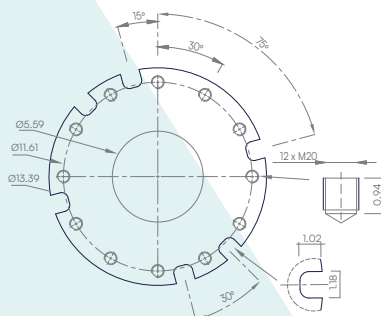
Curves per ISO 9906 Grade 2B · 3504 rpm · Valid for clean water at 20 °C (68 °F), density 1.0 kg/dm³ (62.4 lb/ft³) and kinematic viscosity 1 mm²/s (1 cSt)
Units: flow Q in m³/h and US GPM · head H in ft · power P in HP · length in inches · weight in lb



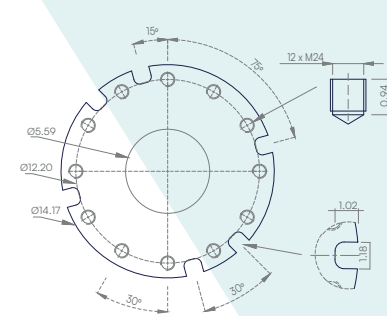
STAGES	1	2	3	4	5	6	7	8	9	10
L (in)	28.7	37.7	46.7	55.7	64.8	73.8	82.8	91.8	100.8	109.8
WEIGHT (lb)	212	282	355	425	498	569	642	712	785	855



EN 1092-1 PN10
DN200 (8")



EN 1092-1 PN16
DN200 (8")



EN 1092-1 PN25
DN200 (8")

Flanges drilled to EN 1092-1 (not interchangeable with ASME B16.5). Flange dimensions in inches; bolts are metric (M20 / M24).

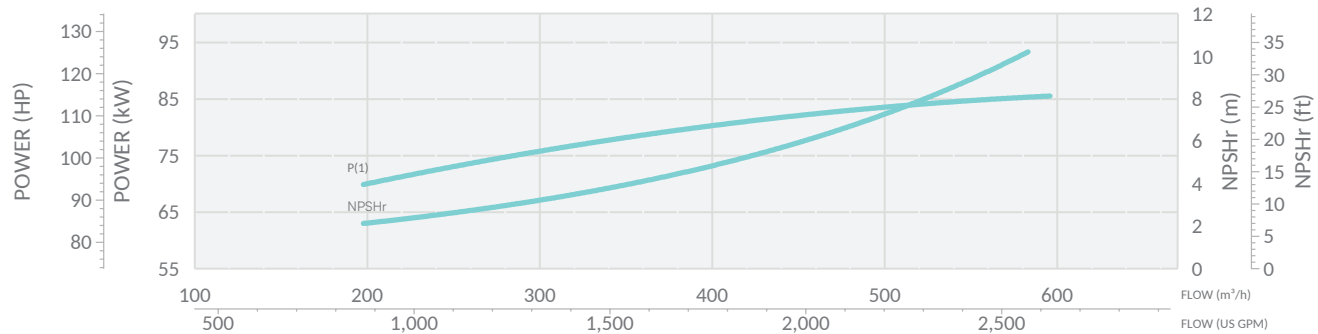
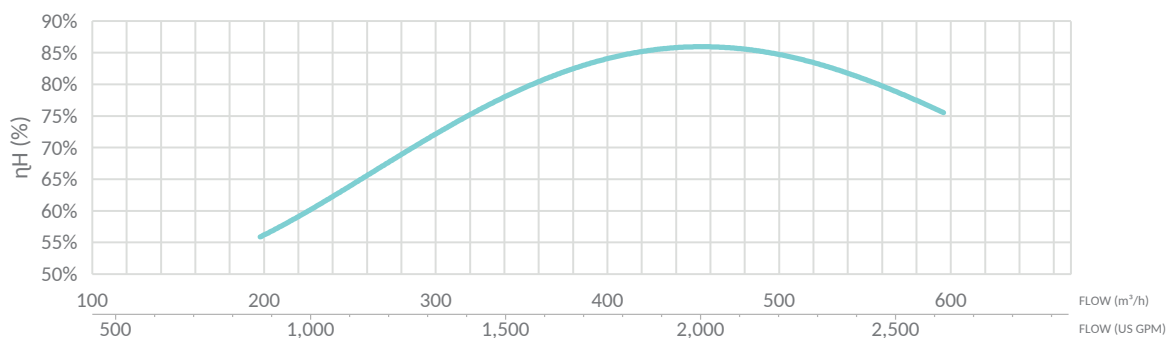
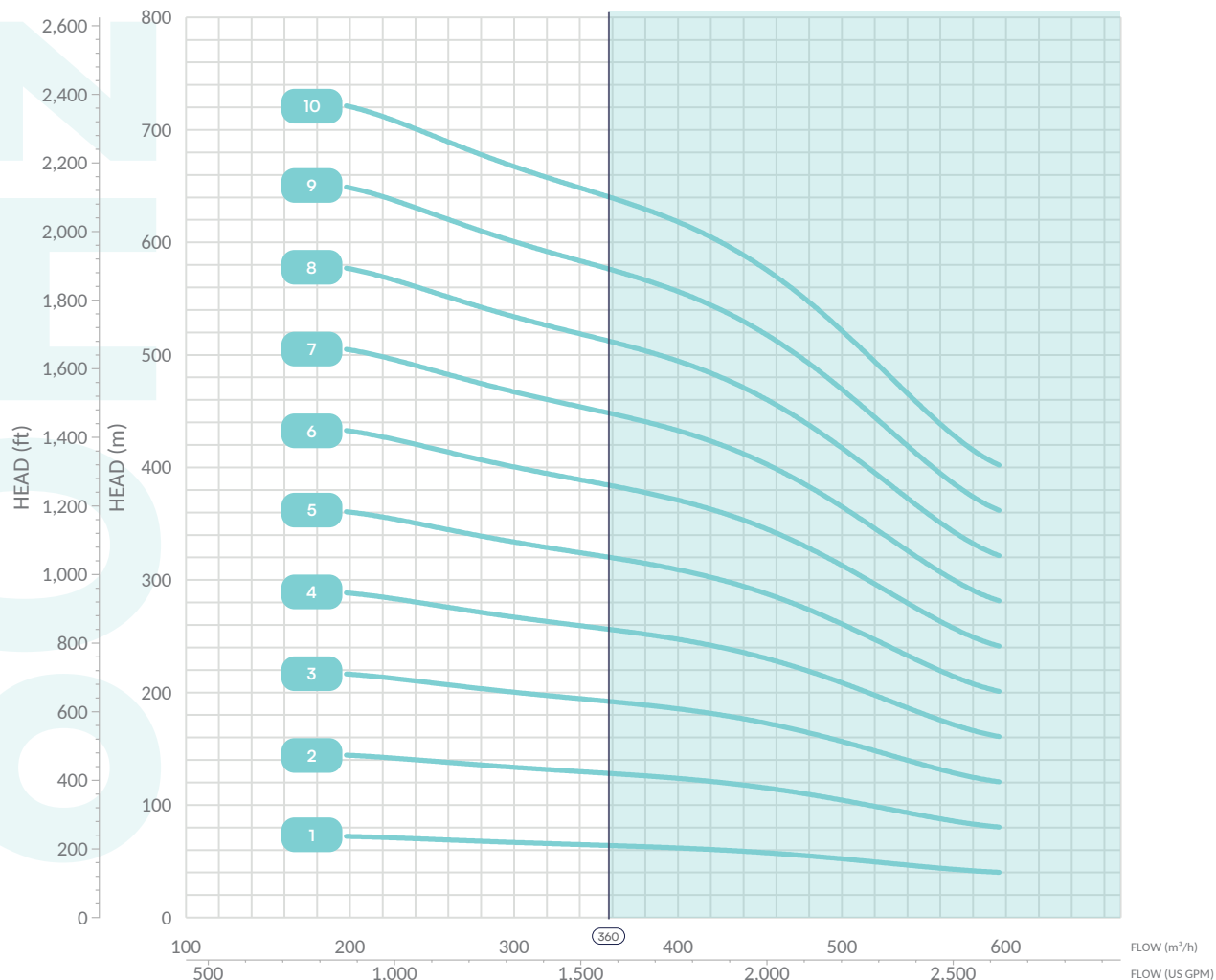
V1237

performance curves

60 Hz
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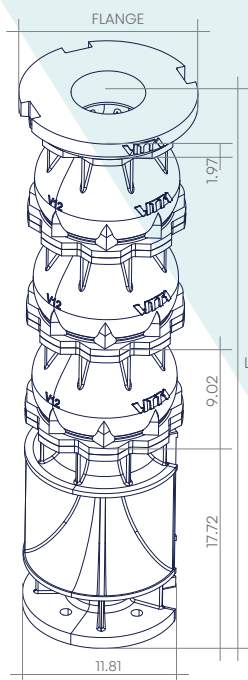
V1242

performance tables

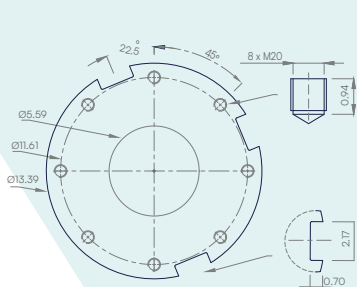
V1242

STAGES	Q (m³/h)	287	326	362	431	466	512	536	575	609	646	684
	Q (US GPM)	1,264	1,434	1,594	1,896	2,052	2,254	2,362	2,531	2,682	2,844	3,012
	ηh	64.47%	69.46%	72.20%	80.33%	83.54%	85.70%	85.50%	85.40%	81.98%	75.91%	71.80%
1	H (ft)	247.6	242.2	236.3	230.9	227.0	214.6	206.9	196.1	180.4	161.0	143.2
	P (HP)	122.8	126.5	132.0	137.9	141.1	142.8	144.6	147.1	149.4	152.6	152.0
2	H (ft)	495.2	484.3	472.6	461.8	454.1	429.1	413.8	392.3	360.8	321.9	286.5
	P (HP)	245.7	253.0	264.0	275.8	282.3	285.7	289.3	294.2	298.8	305.2	304.0
3	H (ft)	742.9	726.5	708.9	692.7	681.1	643.7	620.8	588.4	541.2	482.9	429.7
	P (HP)	368.5	379.5	396.0	413.8	423.4	428.5	433.9	441.2	448.1	457.9	456.1
4	H (ft)	990.5	968.6	945.1	923.6	908.2	858.2	827.7	784.5	721.6	643.9	572.9
	P (HP)	491.4	506.0	528.1	551.7	564.5	571.3	578.6	588.3	597.5	610.5	608.1
5	H (ft)	1,238.1	1,210.8	1,181.4	1,154.4	1,135.2	1,072.8	1,034.6	980.6	902.0	804.8	716.1
	P (HP)	614.2	632.5	660.1	689.6	705.7	714.2	723.2	735.4	746.9	763.1	760.1
6	H (ft)	1,485.8	1,453.0	1,417.7	1,385.3	1,362.2	1,287.3	1,241.6	1,176.8	1,082.4	965.8	859.3
	P (HP)	737.1	759.1	792.1	827.6	846.8	857.0	867.9	882.5	896.3	915.7	912.1
7	H (ft)	1,733.4	1,695.1	1,654.0	1,616.2	1,589.3	1,501.9	1,448.5	1,372.9	1,262.8	1,126.8	1,002.5
	P (HP)	859.9	885.6	924.1	965.5	987.9	999.8	1,012.5	1,029.6	1,045.7	1,068.3	1,064.1
8	H (ft)	1,981.0	1,937.3	1,890.3	1,847.1	1,816.3	1,716.4	1,655.4	1,569.0	1,443.2	1,287.7	1,145.7
	P (HP)	982.7	1,012.1	1,056.1	1,103.4	1,129.1	1,142.7	1,157.2	1,176.7	1,195.0	1,220.9	1,216.1
9	H (ft)	2,228.6	2,179.4	2,126.6	2,078.0	2,043.4	1,931.0	1,862.4	1,765.2	1,623.7	1,448.7	1,288.9
	P (HP)	1,105.6	1,138.6	1,188.1	1,241.3	1,270.2	1,285.5	1,301.8	1,323.8	1,344.4	1,373.6	1,368.1
10	H (ft)	2,476.3	2,421.6	2,362.9	2,308.9	2,270.4	2,145.6	2,069.3	1,961.3	1,804.0	1,609.7	1,432.2
	P (HP)	1,228.4	1,265.1	1,320.1	1,379.3	1,411.4	1,428.3	1,446.5	1,470.8	1,493.8	1,526.2	1,520.2

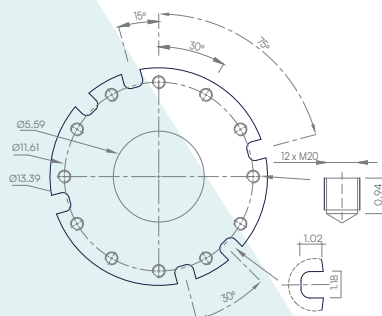
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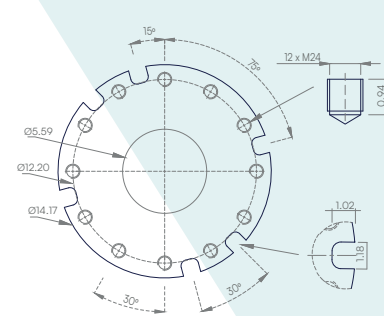
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