



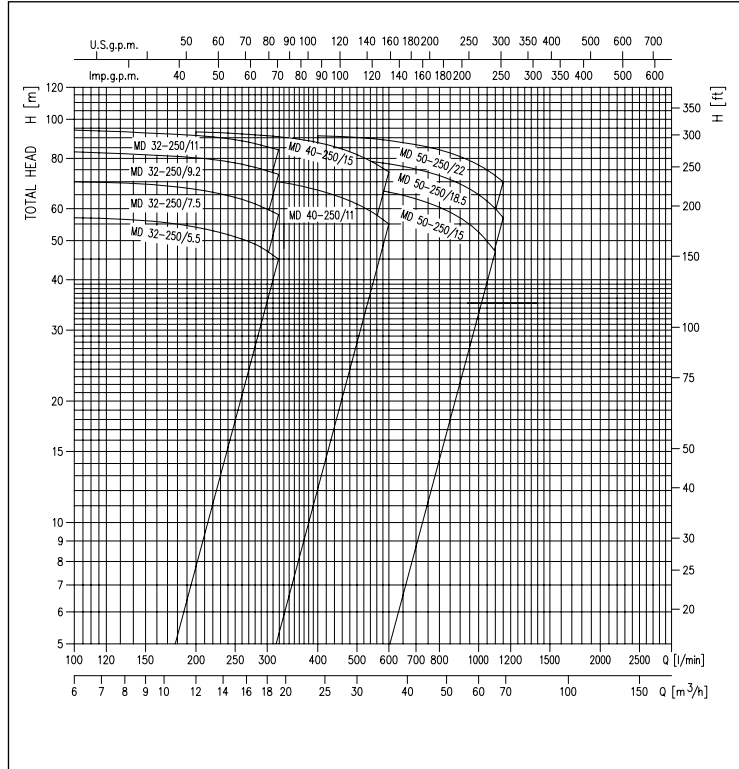
MD - MMD

MONOBLOC CENTRIFUGAL ELECTRIC PUMP IN COMPLIANCE WITH EN 733
in cast iron

MD PERFORMANCE CHART

2 Poles

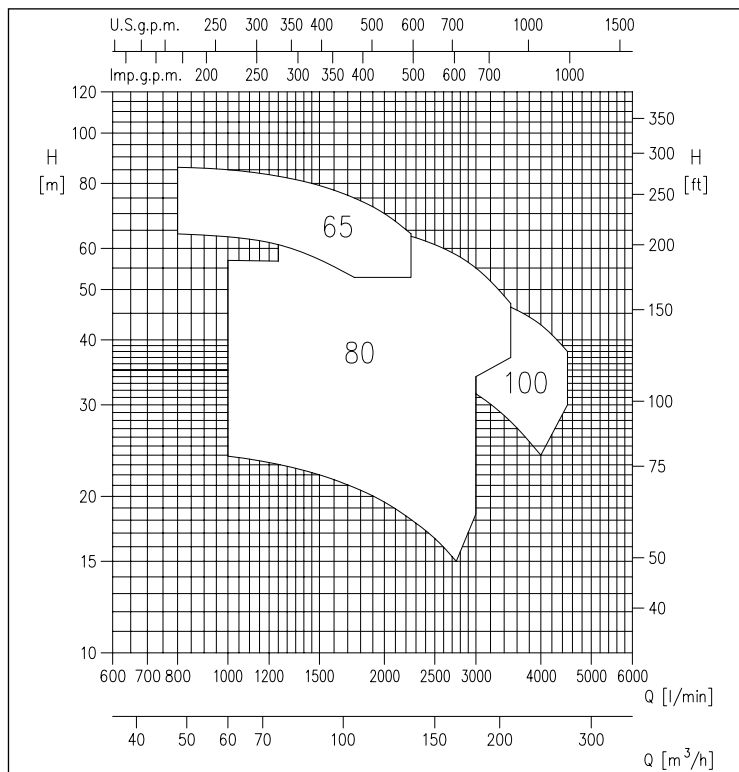
at 2900 min⁻¹ (according to ISO 9906 Attachment A)



MMD PERFORMANCE CHART

2 Poles

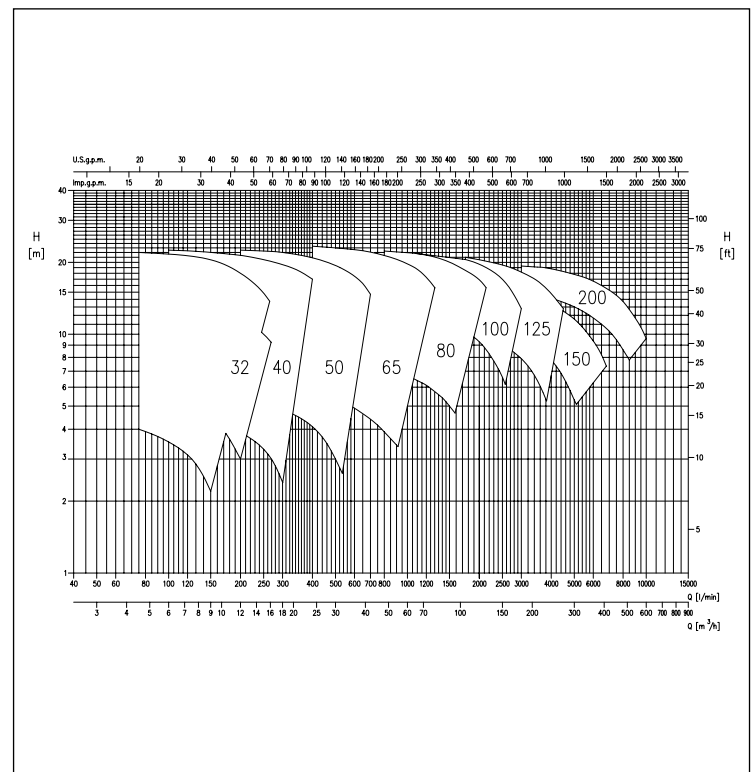
at 2900 min⁻¹ (according to ISO 9906 Attachment A)



MMD PERFORMANCE CHART

4 Poles

at 1400 min⁻¹ (according to ISO 9906 Attachment A)



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MD - MMD

MONOBLOC CENTRIFUGAL ELECTRIC PUMP IN COMPLIANCE WITH EN 733

in cast iron

MD PERFORMANCE CHART

2 Poles

Model	P:		l/min m ³ /h	Q = Flow Rate															
	[HP]	[kW]		100	200	250	280	320	400	550	600	667	700	800	1000	1100	1150	1200	1300
			H=Head [m]																
MD 32-250/5.5	7.5	5.5	56.5	53.0	50.4	48.6	45.7	38.0	-	-	-	-	-	-	-	-	-	-	-
MD 32-250/7.5	10	7.5	70.0	67.1	64.5	62.7	60.0	53.0	-	-	-	-	-	-	-	-	-	-	-
MD 32-250/9.2	12.5	9.2	81.2	78.2	75.8	74.0	71.4	65.0	-	-	-	-	-	-	-	-	-	-	-
MD 32-250/11	15	11	89.0	86.0	84.0	82.0	79.0	73.0	-	-	-	-	-	-	-	-	-	-	-
MD 40-250/11	15	11	-	74.0	73.0	72.2	71.0	68.2	60.1	56.3	49.8	46.0	-	-	-	-	-	-	-
MD 40-250/15	20	15	-	92.7	92.1	91.7	90.8	88.1	81.2	78.0	72.9	70.0	-	-	-	-	-	-	-
MD 50-250/15	20	15	-	-	-	-	-	71.2	69.2	68.2	66.6	65.7	62.6	54.2	49.0	46.1	43.0	-	-
MD 50-250/18.5	25	18.5	-	-	-	-	-	81.5	79.5	78.5	77.0	76.1	73.2	66.0	61.4	58.9	56.1	50.0	-
MD 50-250/22	30	22	-	-	-	-	-	91.6	89.7	88.9	87.6	86.9	84.3	77.4	73.0	70.4	67.7	61.5	-

MMD PERFORMANCE CHART

2 Poles

Model	P:		l/min m ³ /h	Q = Flow Rate															
	[HP]	[kW]		800	1000	1250	1500	1750	2000	2250	2500	2750	3000	3500	4000	4500			
			H=Head [m]																
MMD 65-250/22	30	22	64.0	63.0	61.0	57.0	53.0	-	-	-	-	-	-	-	-	-	-	-	-
MMD 65-250/30	40	30	77.0	76.0	74.0	70.0	66.0	60.0	53.0	-	-	-	-	-	-	-	-	-	-
MMD 65-250/37	55	37	86.0	85.0	83.0	79.0	75.0	70.0	64.0	-	-	-	-	-	-	-	-	-	-
MMD 80-160/11	15	11	-	24.0	23.0	22.0	21.0	19.5	18.0	16.5	15.0	-	-	-	-	-	-	-	-
MMD 80-160/15R	20	15	-	28.5	28.0	27.0	26.0	24.5	23.0	21.5	20.0	18.5	-	-	-	-	-	-	-
MMD 80-160/15	20	15	-	34.0	33.3	32.5	31.8	31.0	29.0	27.5	26.0	24.3	-	-	-	-	-	-	-
MMD 80-200/18.5	25	18.5	-	42.0	41.0	40.0	38.5	37.0	35.0	33.0	30.5	28.0	-	-	-	-	-	-	-
MMD 80-200/22	30	22	-	47.0	46.5	45.5	44.5	43.0	41.0	39.0	37.0	34.0	-	-	-	-	-	-	-
MMD 80-200/30	40	30	-	55.0	54.0	53.0	52.0	51.0	49.0	47.0	45.0	43.0	37.0	-	-	-	-	-	-
MMD 80-200/37	55	37	-	57.0	57.0	56.5	56.0	55.0	54.0	52.5	51.0	48.0	42.0	-	-	-	-	-	-
MMD 80-250/37	55	37	-	-	67.5	67.0	66.2	65.0	63.3	61.0	58.3	55.0	47.0	-	-	-	-	-	-
MMD 100-200/22	30	22	-	-	-	38.5	38.0	37.0	36.0	34.5	33.0	31.5	28.0	24.0	-	-	-	-	-
MMD 100-200/30	40	30	-	-	-	47.0	46.3	45.6	44.8	43.7	42.4	41.0	38.0	34.6	30.0	-	-	-	-
MMD 100-200/37	55	37	-	-	-	53.5	53.5	53.0	52.0	51.0	50.0	49.0	46.0	43.0	38.0	-	-	-	-

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MD - MMD

MONOBLOC CENTRIFUGAL ELECTRIC PUMP IN COMPLIANCE WITH EN 733

in cast iron

MMD4 PERFORMANCE CHART

4 Poles

Model	P _e		Q = Flow Rate																			
	[HP]	[kW]	l/min m ³ /h	75 5	100 6	125 8	150 9	175 11	200 12	225 14	250 15	275 17	300 18	350 21	400 24	450 27	500 30	550 33	600 36	650 39	700 42	
				H=Head [m]																		
MMD4 32-250/1.1	1.5	1.1	18.5	18.0	17.5	17.0	15.9	14.5	12.8	11.0	-	-	-	-	-	-	-	-	-	-	-	-
MMD4 32-250/1.5	2	1.5	22.0	21.6	21.2	20.5	19.4	18.0	16.5	15.0	13.0	-	-	-	-	-	-	-	-	-	-	-
MMD4 40-250/1.5	2	1.5	-	18.3	18.0	17.7	17.4	17.0	16.7	16.2	15.6	15.0	13.7	12.0	-	-	-	-	-	-	-	-
MMD4 40-250/2.2	3	2.2	-	22.5	22.3	22.0	21.7	21.4	21.2	20.5	20.2	19.5	18.5	17.0	-	-	-	-	-	-	-	-
MMD4 50-250/2.2	3	2.2	-	-	-	-	-	-	18.5	18.3	18.1	17.8	17.5	17.0	16.2	15.5	14.5	13.5	12.5	11.3	10.0	-
MMD4 50-250/3	4	3	-	-	-	-	-	-	22.5	22.4	22.3	22.2	22.0	21.5	20.9	20.2	19.4	18.5	17.5	16.3	14.7	-

Model	P _e		Q = Flow Rate																		
	[HP]	[kW]	l/min m ³ /h	500 30	550 33	600 36	650 39	700 42	800 48	900 54	1000 60	1100 66	1200 72	1300 78	1400 84	1500 90	1750 105	2000 120	2250 135		
				H=Head [m]																	
MMD4 65-250/4	5.5	4	19.5	19.3	19.1	18.8	18.5	17.5	16.5	15.5	14.0	12.5	10.4	-	-	-	-	-	-	-	
MMD4 65-250/5.5	7.5	5.5	23.0	22.8	22.6	22.4	22.2	21.4	20.6	19.7	18.7	17.3	15.7	14.0	-	-	-	-	-	-	
MMD4 80-160/1.5	2	1.5	-	-	7.7	7.6	7.5	7.3	7.0	6.7	6.4	6.1	5.7	5.4	5.0	-	-	-	-	-	
MMD4 80-160/2.2	3	2.2	-	-	9.7	9.6	9.5	9.3	9.0	8.8	8.5	8.2	7.9	7.5	7.1	6.0	-	-	-	-	
MMD4 80-200/3	4	3	-	-	12.0	11.9	11.7	11.5	11.3	11.0	10.5	10.0	9.5	9.0	8.5	7.0	-	-	-	-	
MMD4 80-200/4	5.5	4	-	-	14.4	14.3	14.2	14.0	13.8	13.5	13.1	12.6	12.2	11.6	11.0	9.0	6.5	-	-	-	
MMD4 80-250/5.5	7.5	5.5	-	-	-	-	-	19.2	18.9	18.5	18.0	17.6	17.1	16.5	16.0	14.0	12.0	-	-	-	
MMD4 80-250/7.5	10	7.5	-	-	-	-	-	22.3	22.1	21.9	21.7	21.3	21.0	20.5	20.0	18.5	16.9	14.5	-	-	

Model	P _e		Q = Flow Rate																												
	[HP]	[kW]	l/min m ³ /h	900 54	1000 60	1200 72	1500 90	1750 105	2000 120	2250 135	2500 150	2750 165	3000 180	3500 210	3700 222	4000 240	4500 270	5000 300	5500 330	6500 390	7000 420	8500 510	9000 540	9500 570	10000 60						
				H=Head [m]																											
MMD4 100-200/4	5.5	4	12.3	12.2	11.8	11.2	10.3	9.3	8.0	6.6	4.8	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-					
MMD4 100-200/5.5	7.5	5.5	14.5	14.4	14.0	13.4	12.8	12.0	11.0	9.8	8.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-					
MMD4 100-250/7.5	10	7.5	-	19.5	19.1	18.5	17.5	16.5	15.2	14.0	12.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-					
MMD4 100-250/11	15	11	-	22.0	21.8	21.5	20.5	19.5	18.5	17.0	15.0	12.8	-	-	-	-	-	-	-	-	-	-	-	-	-	-					
MMD4 125-200/5.5	7.5	5.5	-	-	-	10.5	10.3	9.9	9.5	9.1	8.5	7.9	6.4	5.7	-	-	-	-	-	-	-	-	-	-	-	-					
MMD4 125-200/7.5R	10	7.5	-	-	-	11.8	11.6	11.3	11.0	10.6	10.2	9.6	8.3	7.7	6.7	-	-	-	-	-	-	-	-	-	-	-					
MMD4 125-200/7.5	10	7.5	-	-	-	-	12.9	12.7	12.4	12.1	11.7	11.2	10.1	9.6	8.7	7.1	-	-	-	-	-	-	-	-	-	-					
MMD4 125-200/11	15	11	-	-	-	-	14.3	14.1	13.8	13.6	13.2	12.8	11.8	11.3	10.6	9.2	7.6	-	-	-	-	-	-	-	-	-					
MMD4 125-250/11	15	11	-	-	-	-	17.2	16.7	16.2	15.5	14.8	13.9	12.0	11.3	10.0	-	-	-	-	-	-	-	-	-	-	-					
MMD4 125-250/15	20	15	-	-	-	-	21.0	20.5	20.1	19.5	18.9	18.2	16.6	16.0	14.8	12.8	-	-	-	-	-	-	-	-	-	-					
MMD4 150-200/7.5	10	7.5	-	-	-	-	11.0	10.7	10.4	10.1	9.7	8.8	7.8	6.6	5.3	-	-	-	-	-	-	-	-	-	-	-					
MMD4 150-200/11R	15	11	-	-	-	-	12.0	11.8	11.6	11.2	10.9	10.2	9.8	9.2	8.0	6.8	5.6	-	-	-	-	-	-	-	-	-					
MMD4 150-200/11	15	11	-	-	-	-	-	-	13.7	13.5	13.2	12.5	12.2	11.7	10.8	9.8	8.7	6.1	-	-	-	-	-	-	-	-					
MMD4 150-200/15	20	15	-	-	-	-	-	-	15.2	14.9	14.7	14.2	13.8	13.4	12.5	11.6	10.5	8.2	6.8	-	-	-	-	-	-	-					
MMD4 200-250/18.5R	25	18.5	-	-	-	-	-	-	-	-	-	14.9	14.5	14.3	14.1	13.6	13.0	12.3	11.0	10.3	7.8	-	-	-	-	-					
MMD4 200-250/18.5	25	18.5	-	-	-	-	-	-	-	-	-	15.9	15.5	15.3	15.2	14.7	14.2	13.6	12.3	11.6	9.1	8.2	-	-	-	-					
MMD4 200-250/22R	30	22	-	-	-	-	-	-	-	-	-	-	18.0	17.8	17.6	17.1	16.6	16.0	14.7	13.9	11.2	10.1	9.0	-	-	-					
MMD4 200-250/22	30	22	-	-	-	-	-	-	-	-	-	-	19.1	18.9	18.8	18.3	17.8	17.3	16.0	15.3	12.7	11.7	10.7	9.6	-	-					



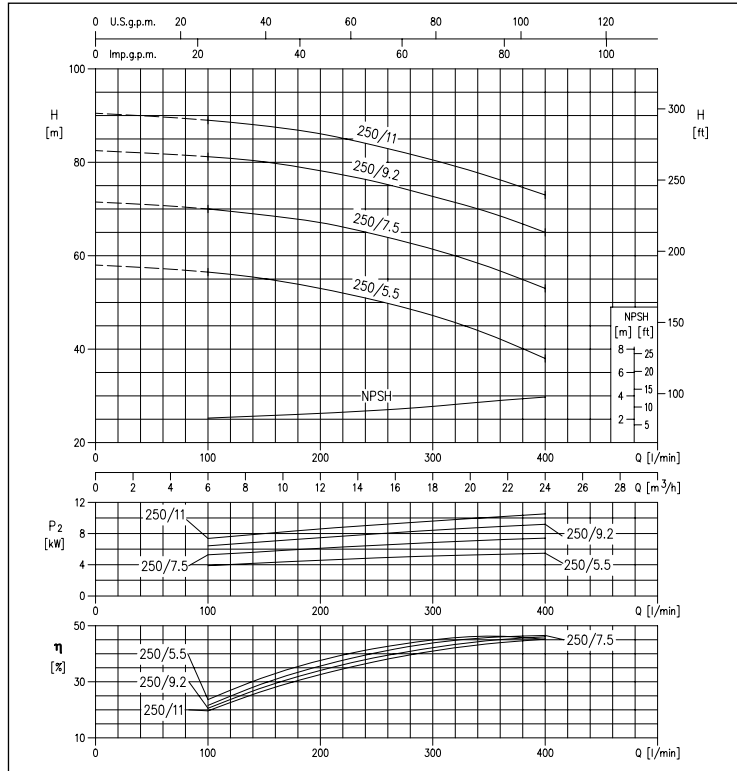
MD - MMD

MONOBLOC CENTRIFUGAL ELECTRIC PUMP IN COMPLIANCE WITH EN 733
in cast iron

PERFORMANCE CURVES MD 32-250 series

2 Poles

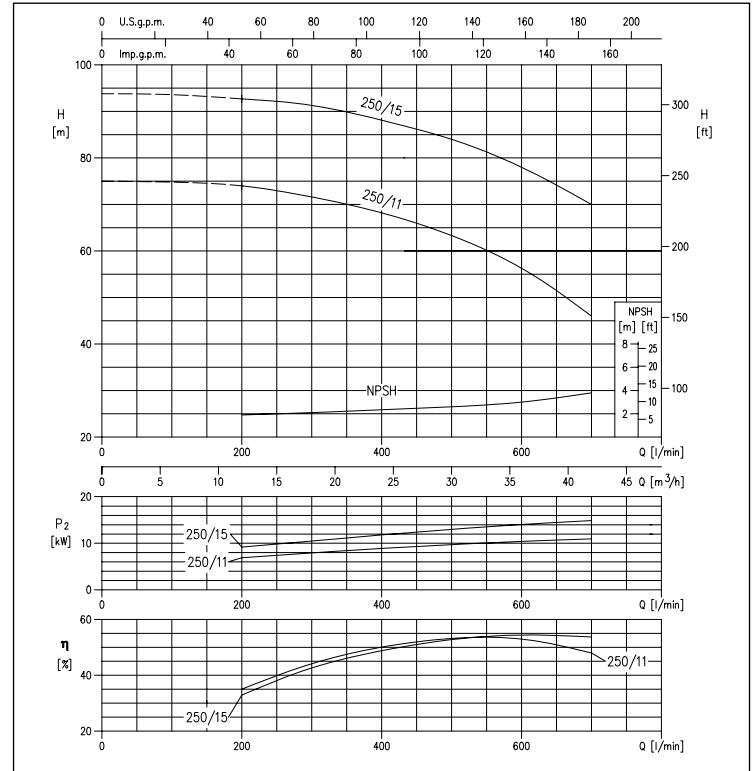
(according to ISO 9906 Attachment A)



PERFORMANCE CURVES MD 40-250 series

2 Poles

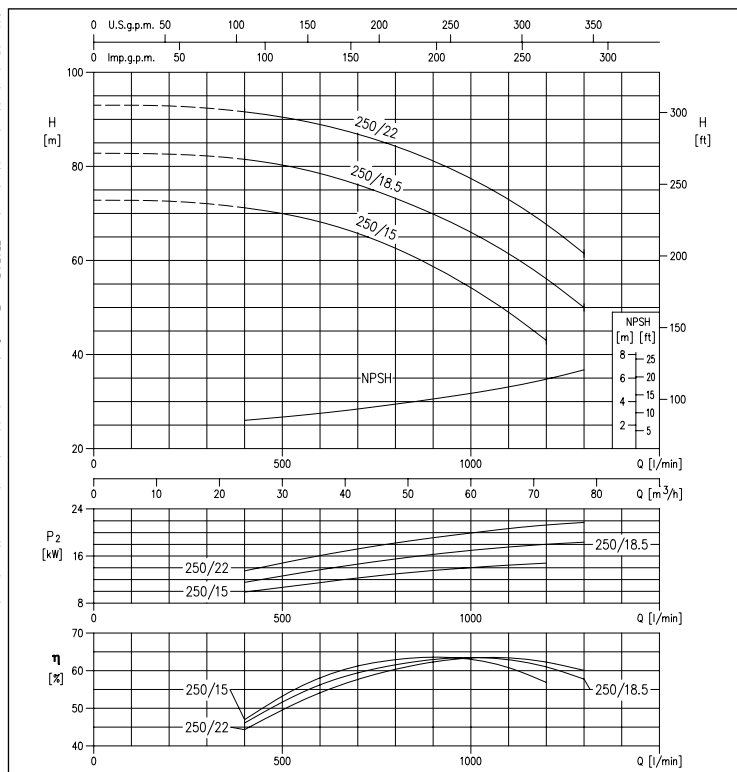
(according to ISO 9906 Attachment A)



PERFORMANCE CURVES MD 50-250 series

2 Poles

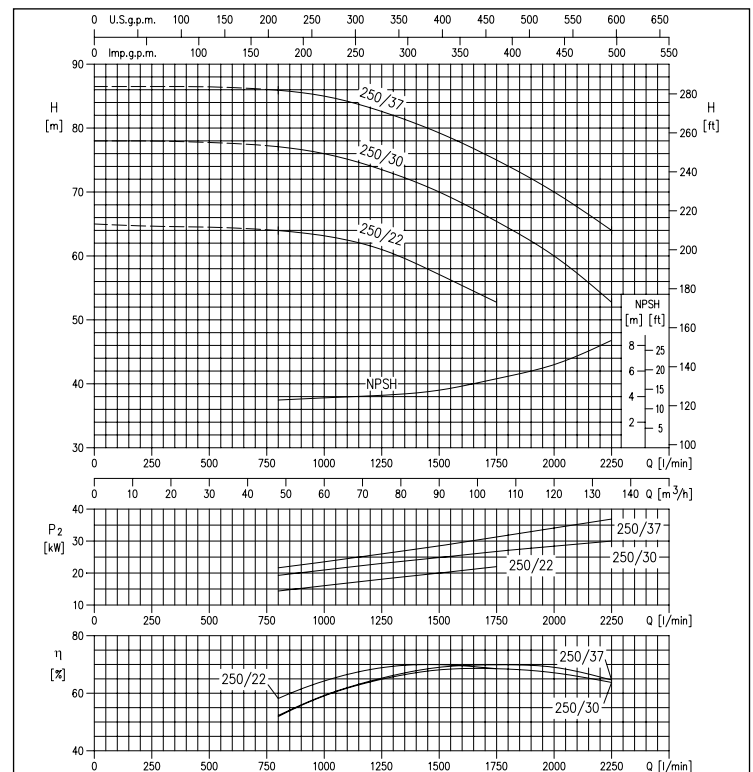
(according to ISO 9906 Attachment A)



PERFORMANCE CURVES MD 65-250 series

2 Poles

(according to ISO 9906 Attachment A)



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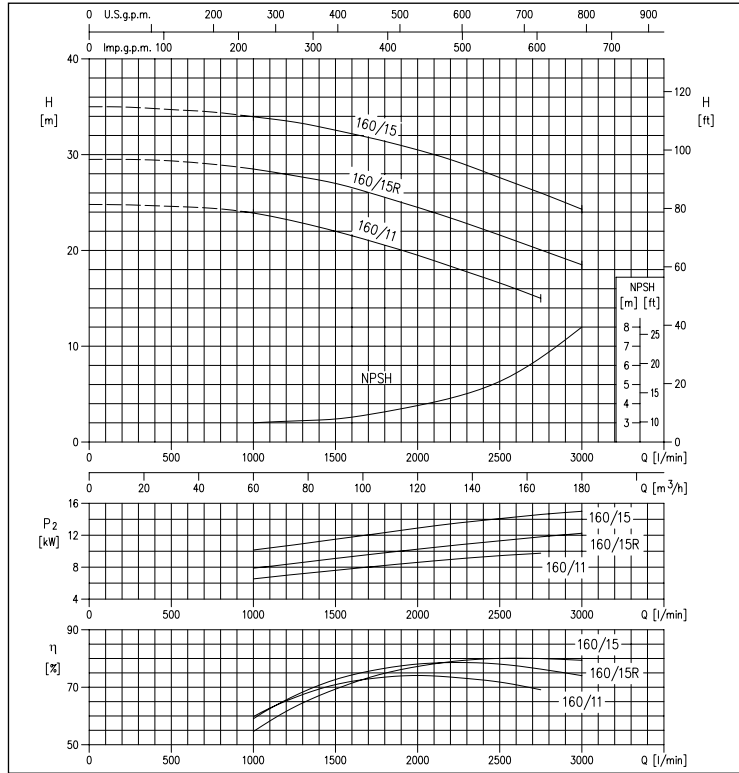
MD - MMD

MONOBLOC CENTRIFUGAL ELECTRIC PUMP IN COMPLIANCE WITH EN 733
in cast iron

PERFORMANCE CURVES MMD 80-160 series

2 Poles

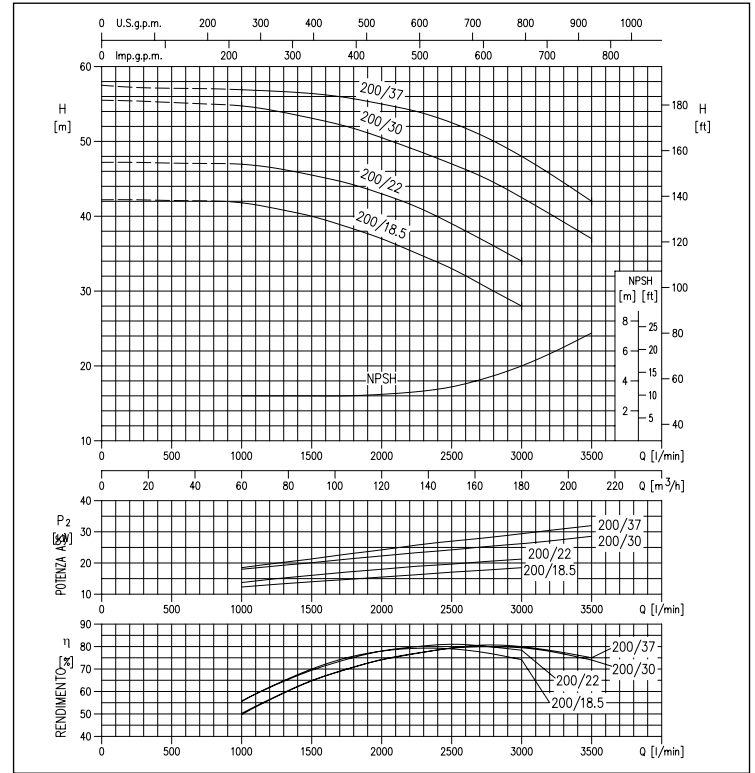
(according to ISO 9906 Attachment A)



PERFORMANCE CURVES MMD 80-200 series

2 Poles

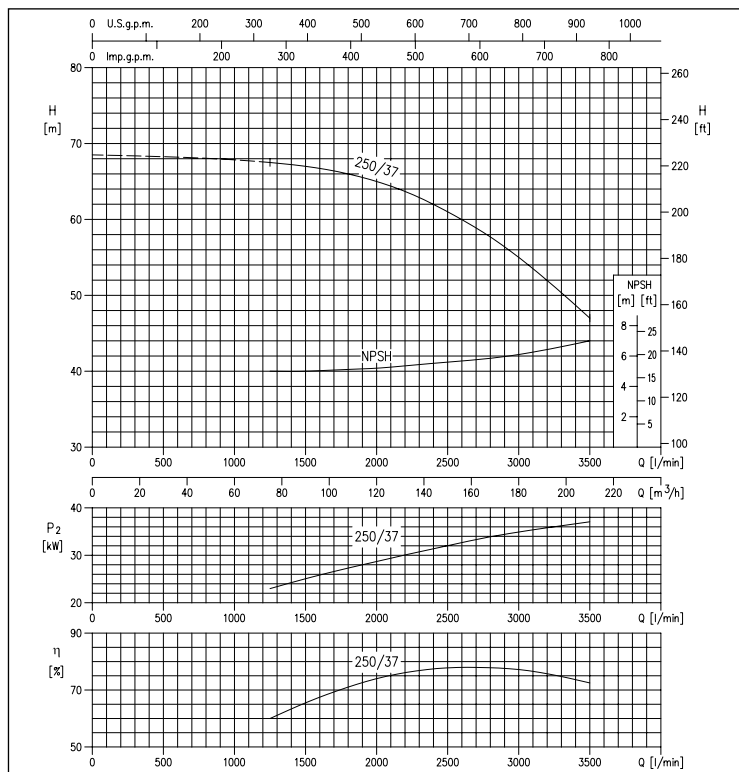
(according to ISO 9906 Attachment A)



PERFORMANCE CURVES MMD 80-250 series

2 Poles

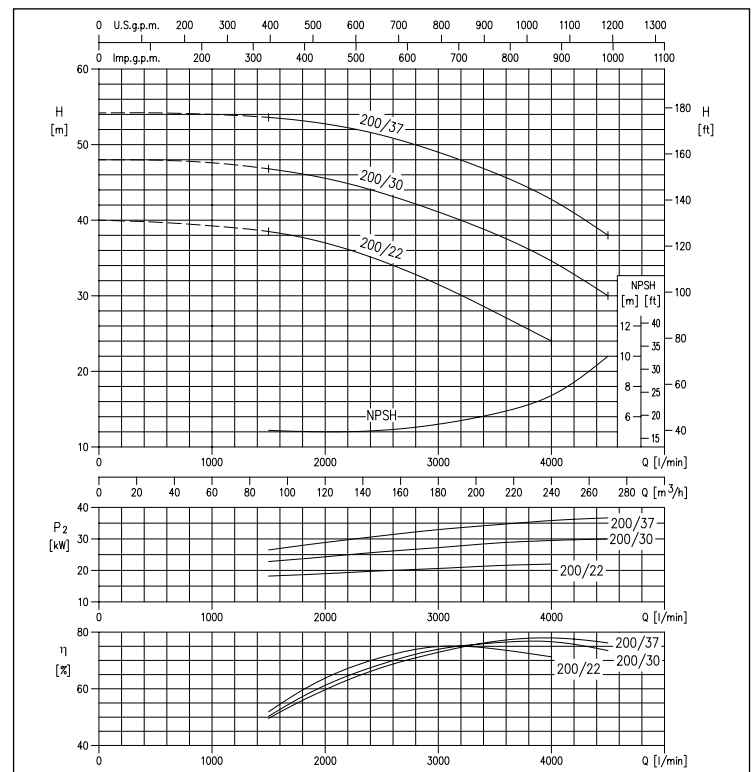
(according to ISO 9906 Attachment A)



PERFORMANCE CURVES MMD 100-200 series

2 Poles

(according to ISO 9906 Attachment A)





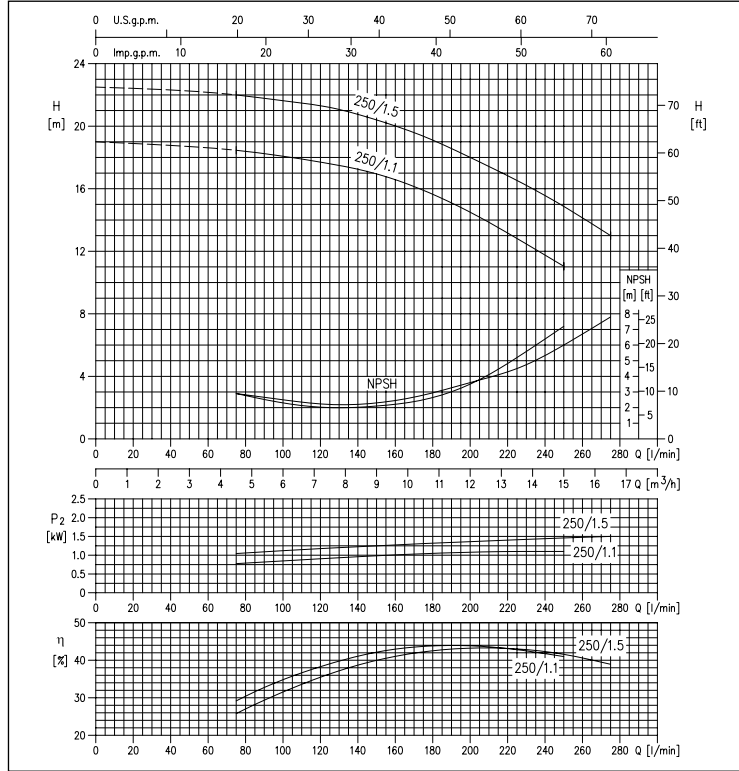
MD - MMD

MONOBLOC CENTRIFUGAL ELECTRIC PUMP IN COMPLIANCE WITH EN 733
in cast iron

PERFORMANCE CURVES MMD4 32-250 SERIES

4 Poles

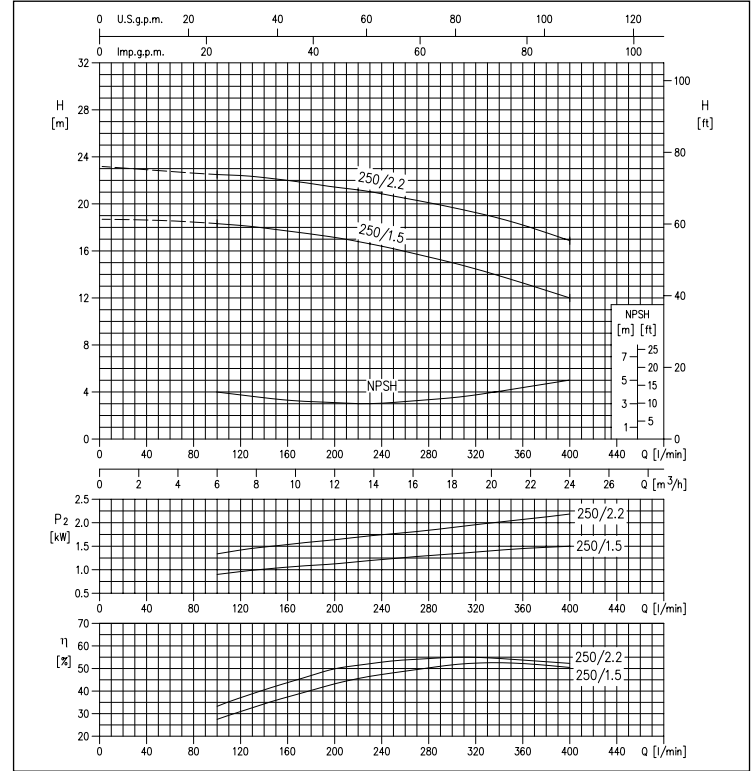
(according to ISO 9906 Attachment A)



PERFORMANCE CURVES MMD4 40-250 SERIES

4 Poles

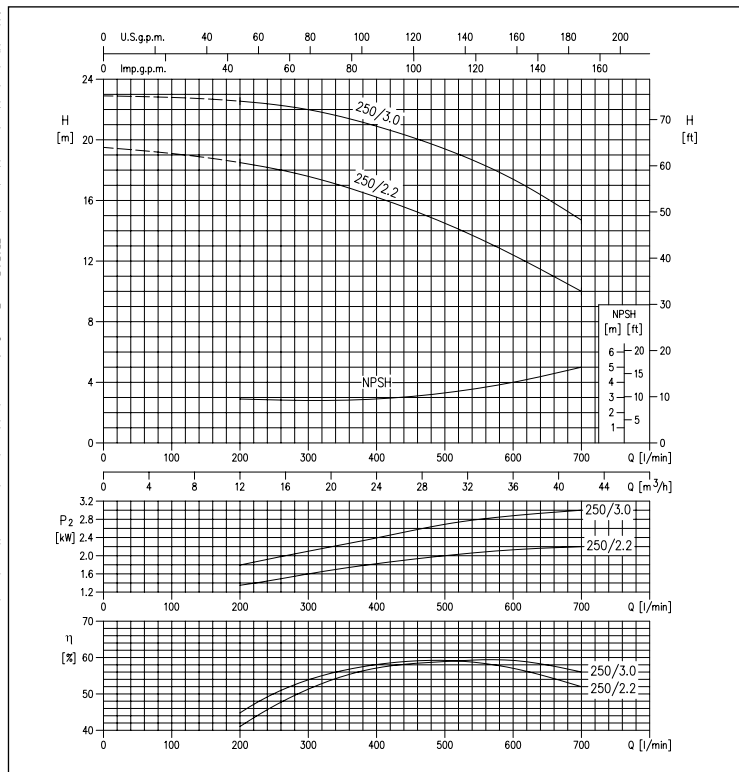
(according to ISO 9906 Attachment A)



PERFORMANCE CURVES MMD4 50-250 SERIES

4 Poles

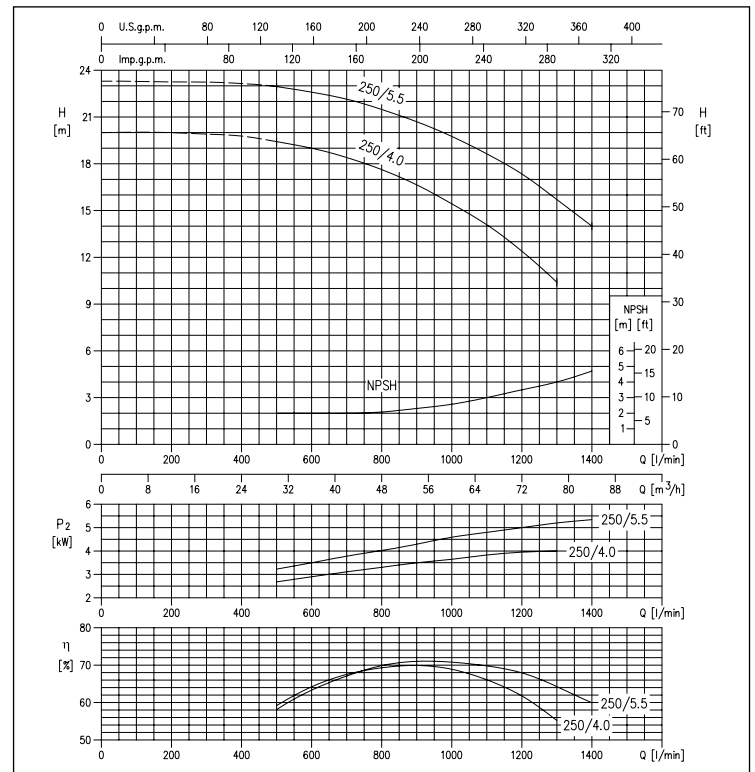
(according to ISO 9906 Attachment A)



PERFORMANCE CURVES MMD4 65-250 SERIES

4 Poles

(according to ISO 9906 Attachment A)



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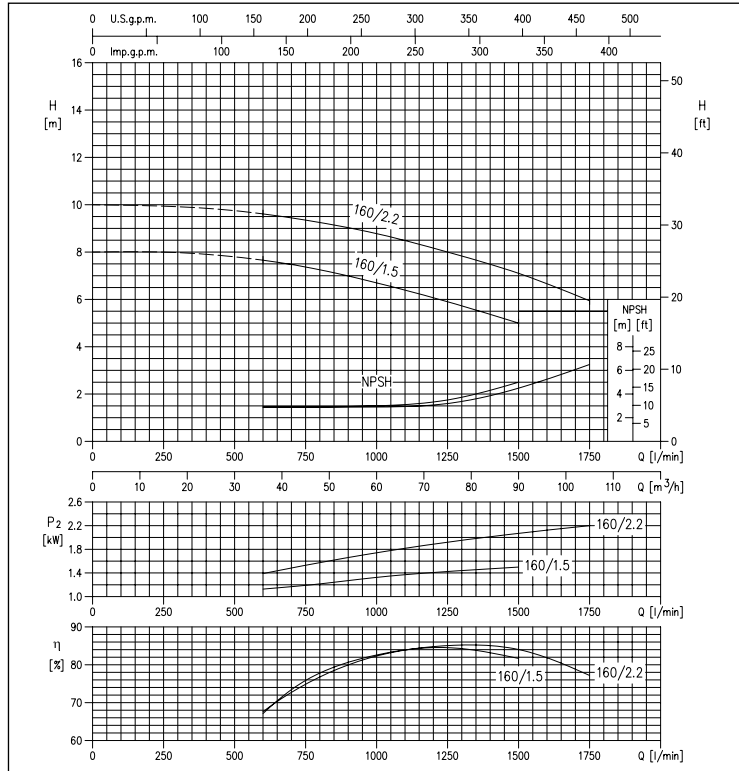


MD - MMD

MONOBLOC CENTRIFUGAL ELECTRIC PUMP IN COMPLIANCE WITH EN 733
in cast iron

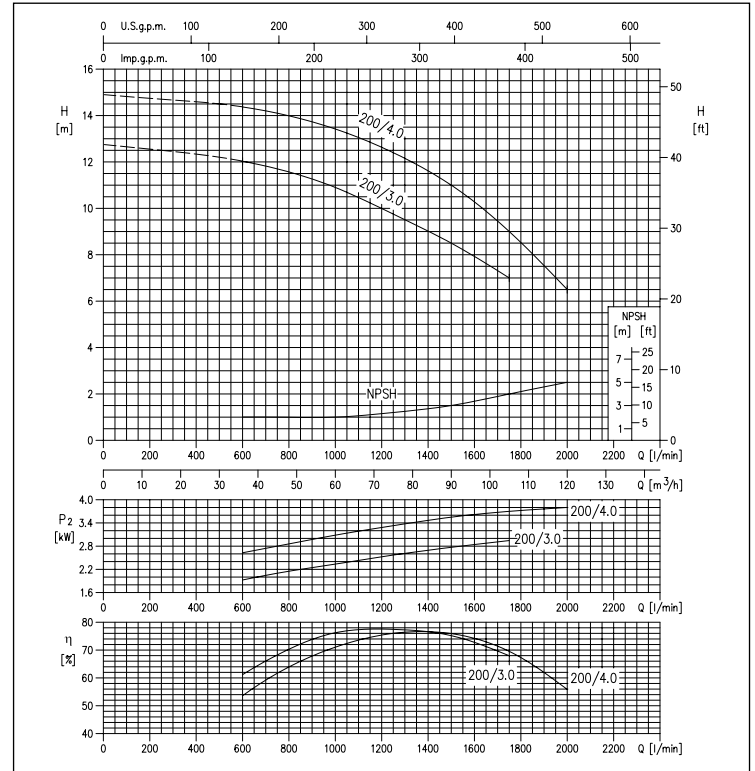
PERFORMANCE CURVES MMD4 80-160 SERIES 4 Poles

(according to ISO 9906 Attachment A)



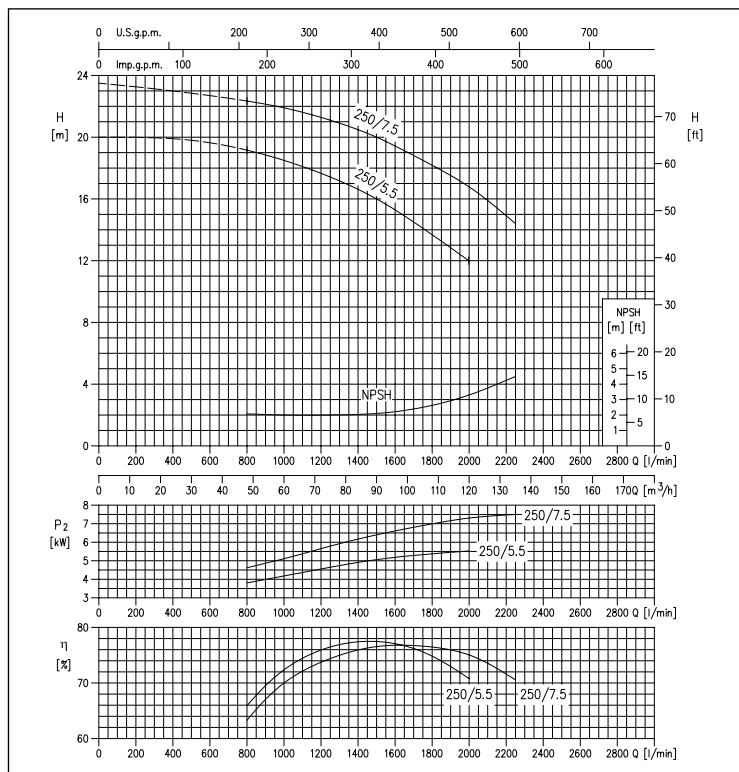
PERFORMANCE CURVES MMD4 80-200 SERIES 4 Poles

(according to ISO 9906 Attachment A)



PERFORMANCE CURVES MMD4 80-250 SERIES 4 Poles

(according to ISO 9906 Attachment A)



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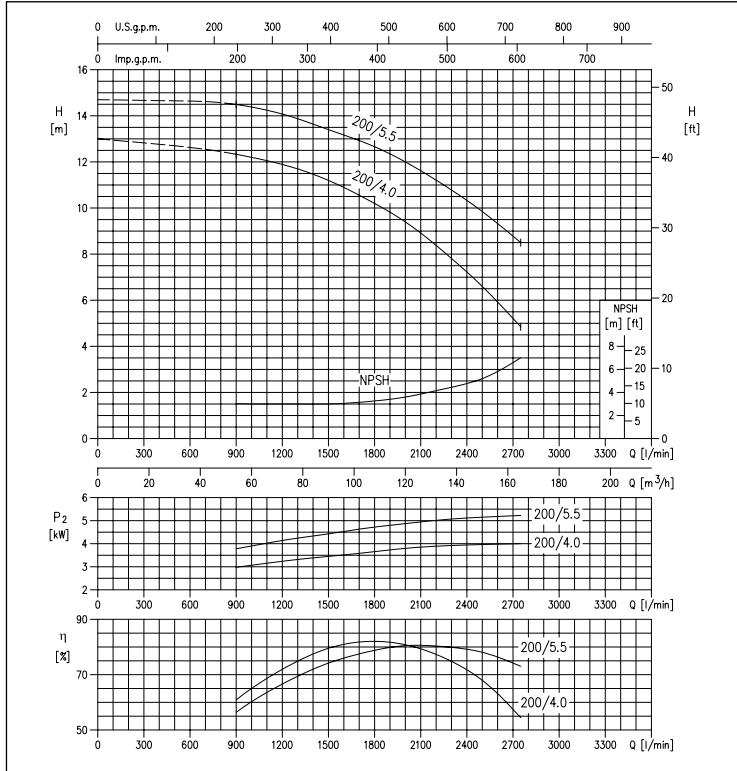
MD - MMD

MONOBLOC CENTRIFUGAL ELECTRIC PUMP IN COMPLIANCE WITH EN 733
in cast iron

PERFORMANCE CURVES MMD4 100-200 SERIES

4 Poles

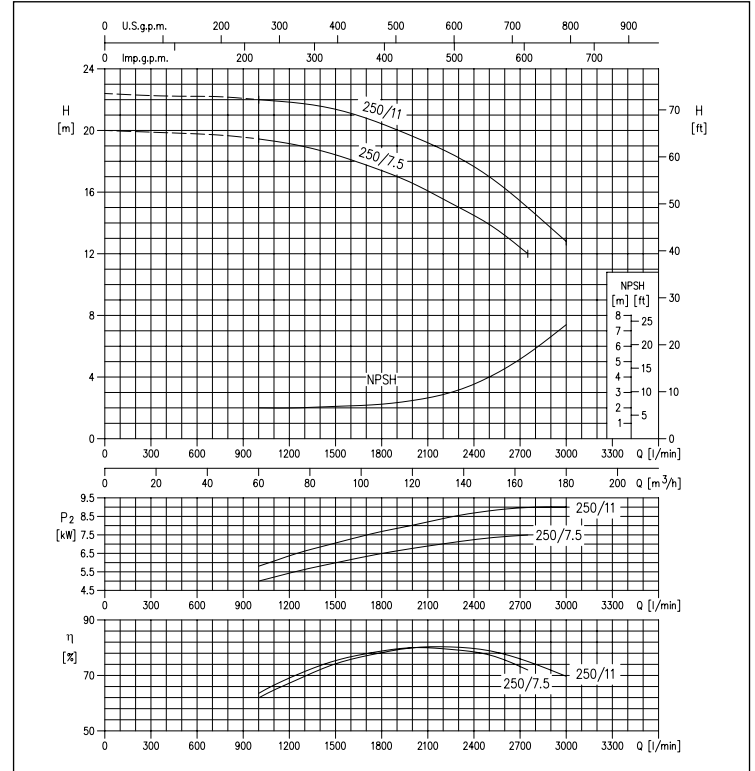
(according to ISO 9906 Attachment A)



PERFORMANCE CURVES MMD4 100-250 SERIES

4 Poles

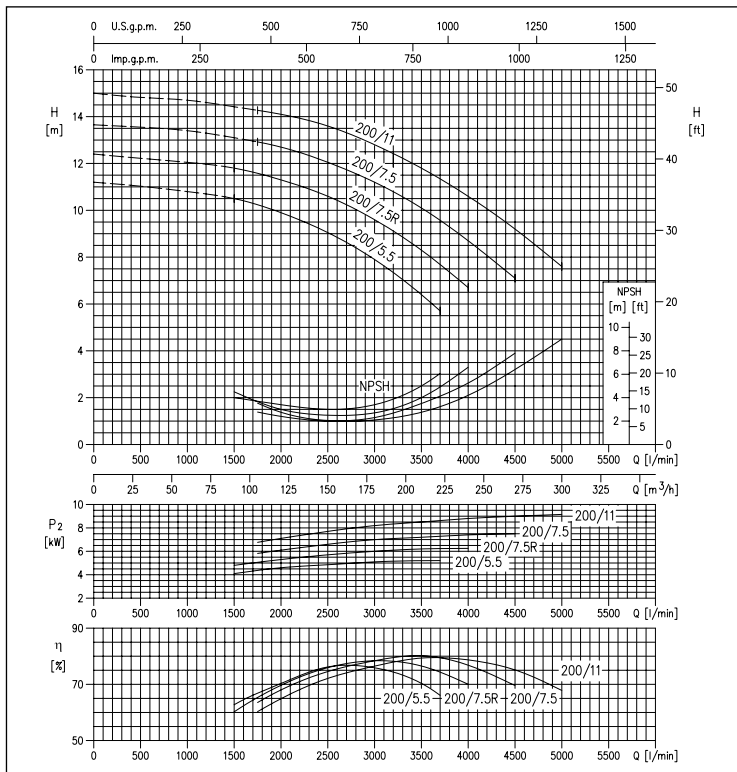
(according to ISO 9906 Attachment A)



PERFORMANCE CURVES MMD4 125-200 SERIES

4 Poles

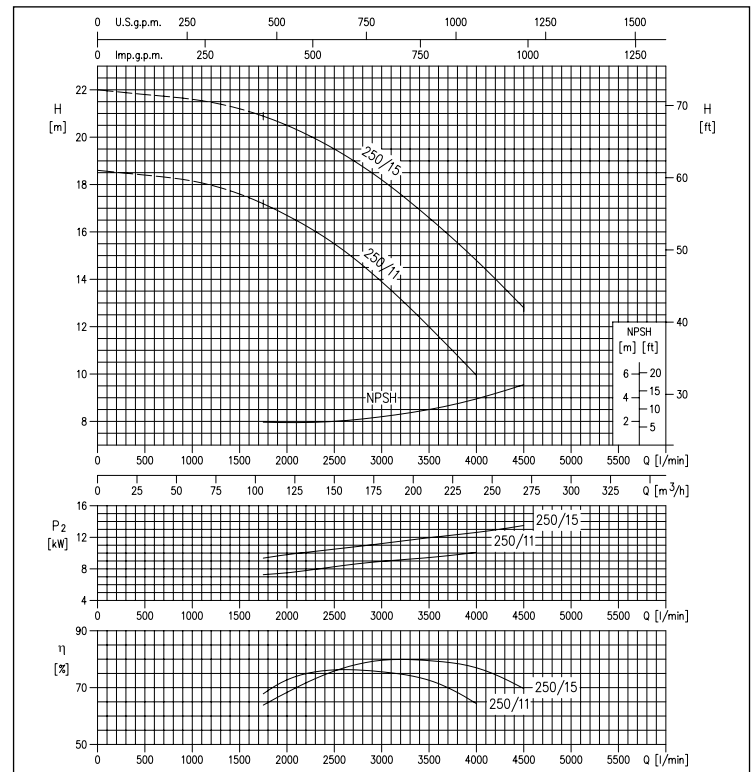
(according to ISO 9906 Attachment A)



PERFORMANCE CURVES MMD4 125-250 SERIES

4 Poles

(according to ISO 9906 Attachment A)



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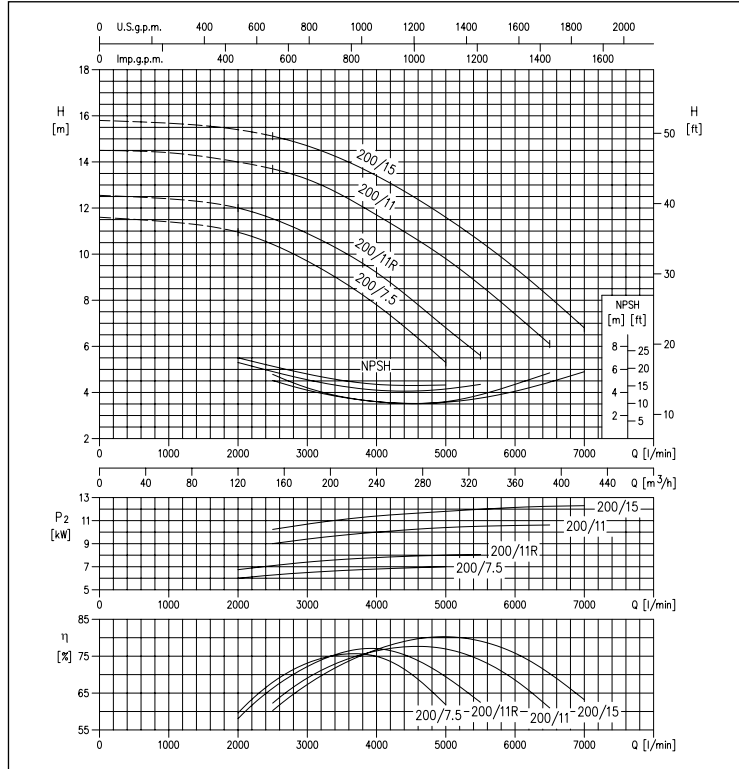
MD - MMD

MONOBLOC CENTRIFUGAL ELECTRIC PUMP IN COMPLIANCE WITH EN 733
in cast iron

PERFORMANCE CURVES MMD4 150-200 SERIES

4 Poles

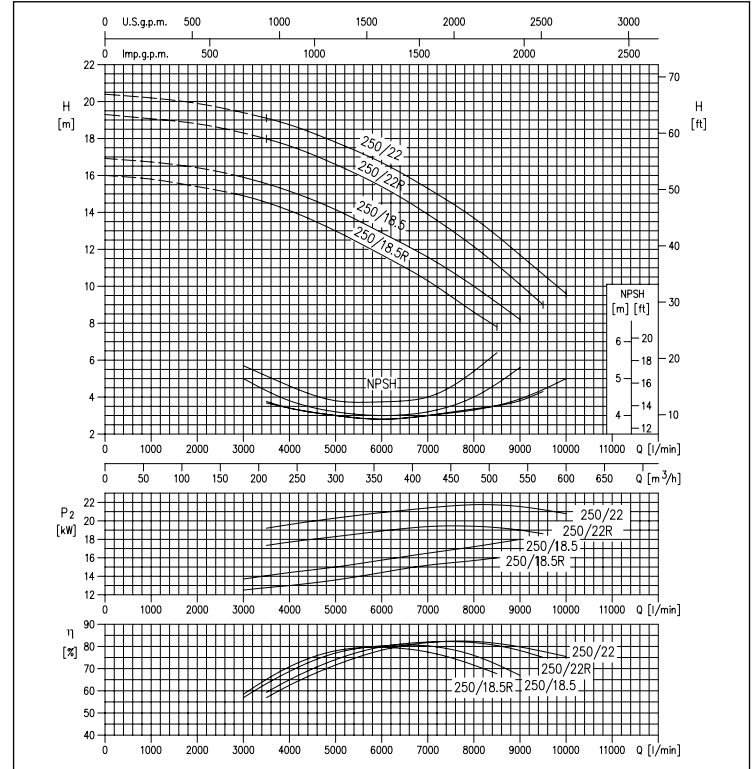
(according to ISO 9906 Attachment A)



PERFORMANCE CURVES MMD4 200-250 SERIES

4 Poles

(according to ISO 9906 Attachment A)



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