CSM fire

CSM PUMPS

CENTRIFUGAL
END SUCTION PUMP

CE

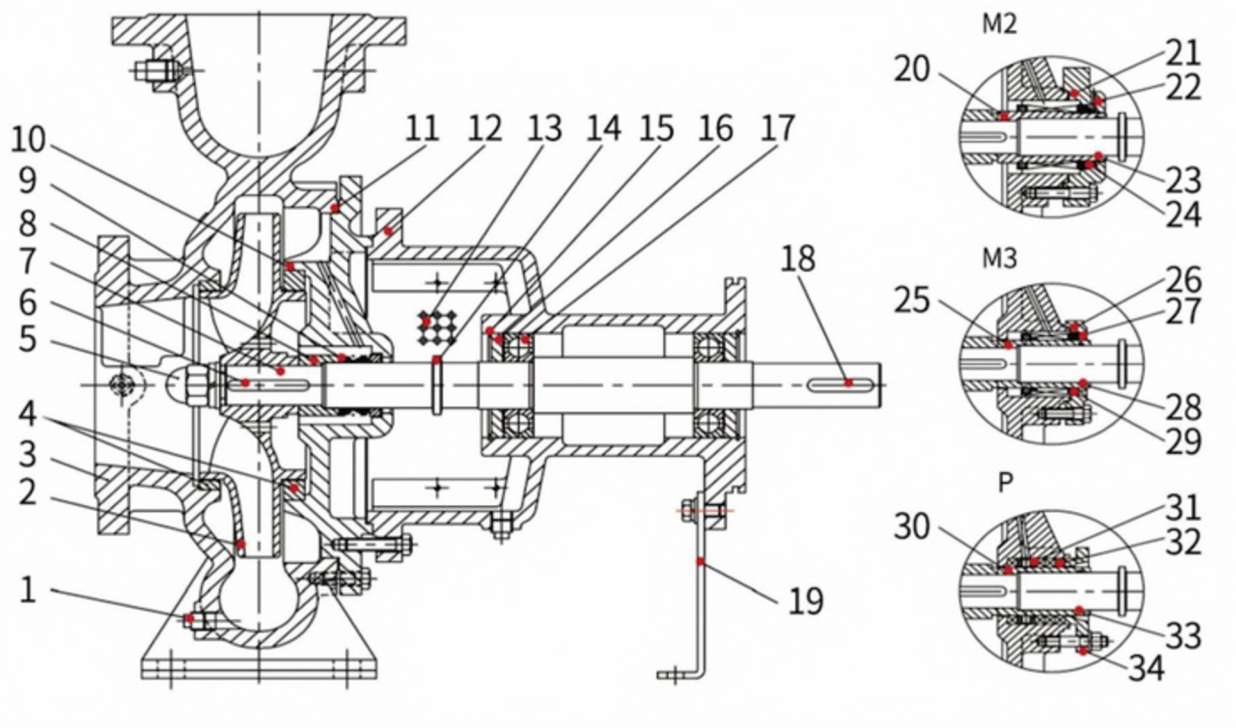
Product Catalog

WE ASSURE THE QUALITY OF OUR PRODUCTS

QUALITY ASSURANCE

We attaches great importance to product quality and always adheres to the production and management philosophy of "integrity, win-win, focus and innovation". At the same time, we have constantly increased staff training, established a complete quality assurance system, strictly controlled each link, and fully guaranteed the quality of products

SECTION VIEW



DESCRIPTION

1	Plug	13	Protective Screening	25	Shaft Sleeve (23)
2	Impeller	14	Water Retaining Ring	26	Seal Gasket
3	Pump Body	15	Retaining Ring	27	Mechanical Seal (Z3)
4	Seal Ring	16	Bearing Positioning Plate	28	Seal Ring
5	Cap Nut	17	Bearing	29	Mechanical Seal (Z3)
6	Impeller Key	18	Pump Coupling Key	30	Shaft Sleeve (P)
7	Pump Shaft	19	Support Frame	31	Packing Ring
8	Mechanical Seal Position Seat	20	Shaft Sleeve (M2)	32	Packing
9	Mechanical Seal (M1)	21	Seal Gasket	33	Seal Ring
10	Pump Cover	22	Seal Gland Cover (M2)	34	Packing Gland Cover
11	Seal Gasket	23	Seal Ring		
12	Suspension Frame	24	Mechanical Seal (M2)		

MATERIAL OF MAIN PARTS

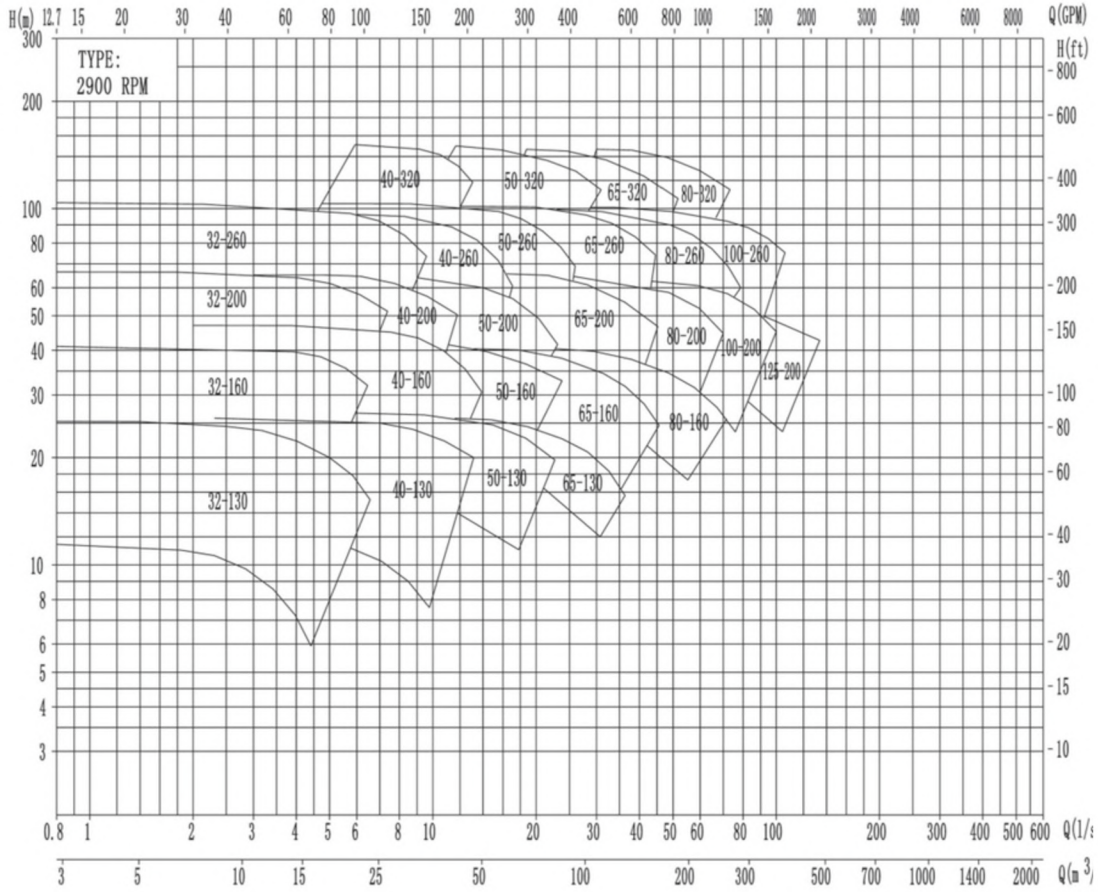
Part Name	Material Name	Material Grade
Pump Casing	Grey Cast Iron	HT250
	Ductile Cast Iron	QT500-7
	Cast Steel	ZG230-450
	Stainless Steel	1Cr18Ni9Ti
	Bronze	0Cr18Ni9
		0Cr18Ni12Mo2Ti
		ZCuAl10Fe3
Shaft	Carbon Steel	45
	Stainless Steel	2Cr13
		1Cr18Ni9Ti
		1Cr17Ni92
Impeller Seal Ring	Grey Cast Iron	HT250
	Ductile Cast Iron	QT500-7
	Cast Steel	ZG230-450
	Stainless Steel	0Cr18Ni9
		1Cr18Ni9Ti
		0Cr18Ni12Mo2Ti
	Bronze	ZCuAl10Fe3
		ZCuSn5Pb5Zn5
Shaft Sleeve Spring Seat	Stainless Steel	0Cr18Ni9
		1Cr18Ni9Ti
		0Cr18Ni12Mo2Ti

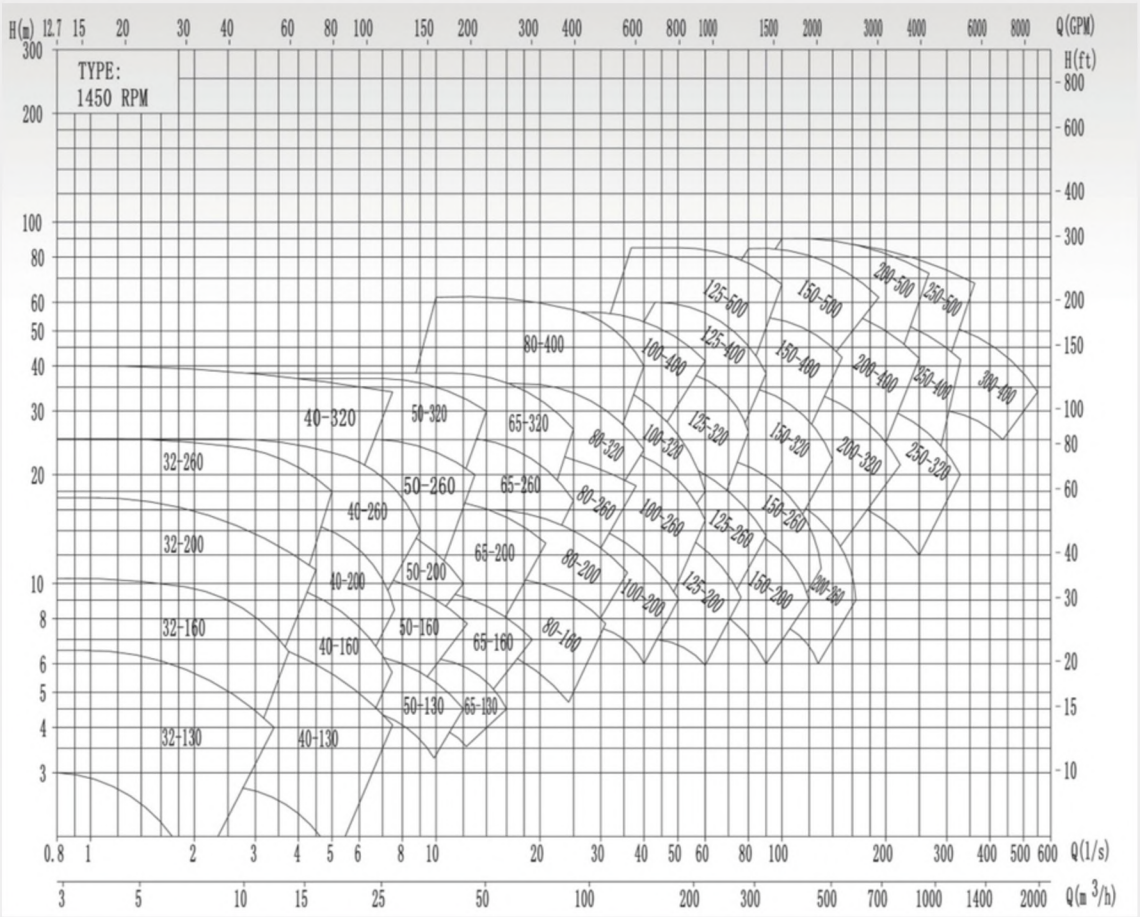
INSTRUCTIONS

The Shell is casted by the vortex chamber, foot, and inlet & outlet flange. Pump is back open type, do not need to remove the suction and discharge pipe to open the pump cover and impeller. The pump is driven directly by motor or diesel engine through the coupling.

Pump shaft seal is divided into: the packing type (P) and sealing machine (M). Machine sealing has M1, M2, M3. Three types in which the M2 type using balanced machine, used for pump work pressure greater than 1.0 MPa

PERFORMANCE CURVE

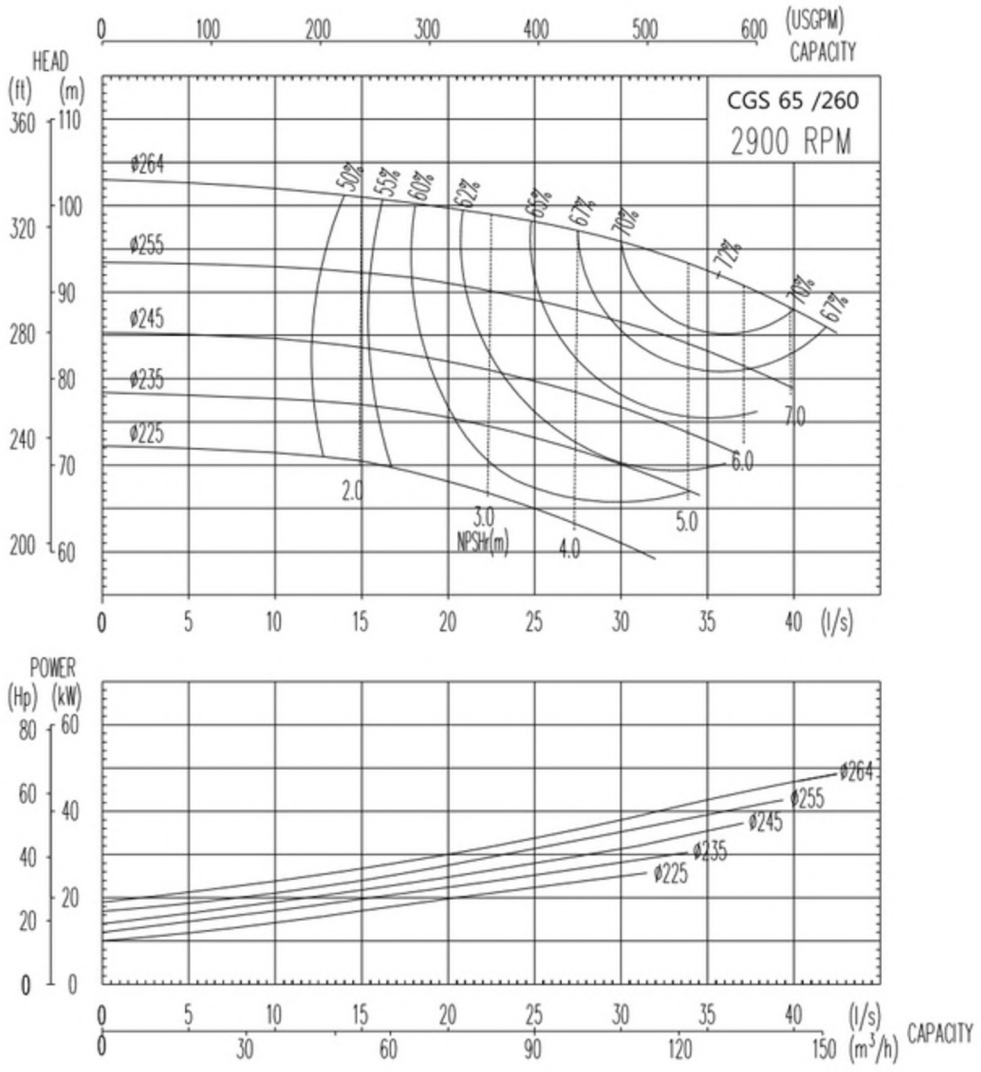




PERFORMANCE CURVE

PERFORMANCE CURVE

Pump Model	Speed	Impeller form	Inlet caliber	Export caliber	Curve no.
CGS 65 - 260	2950 r/min	Closed	DN 80 mm	DN 65 mm	

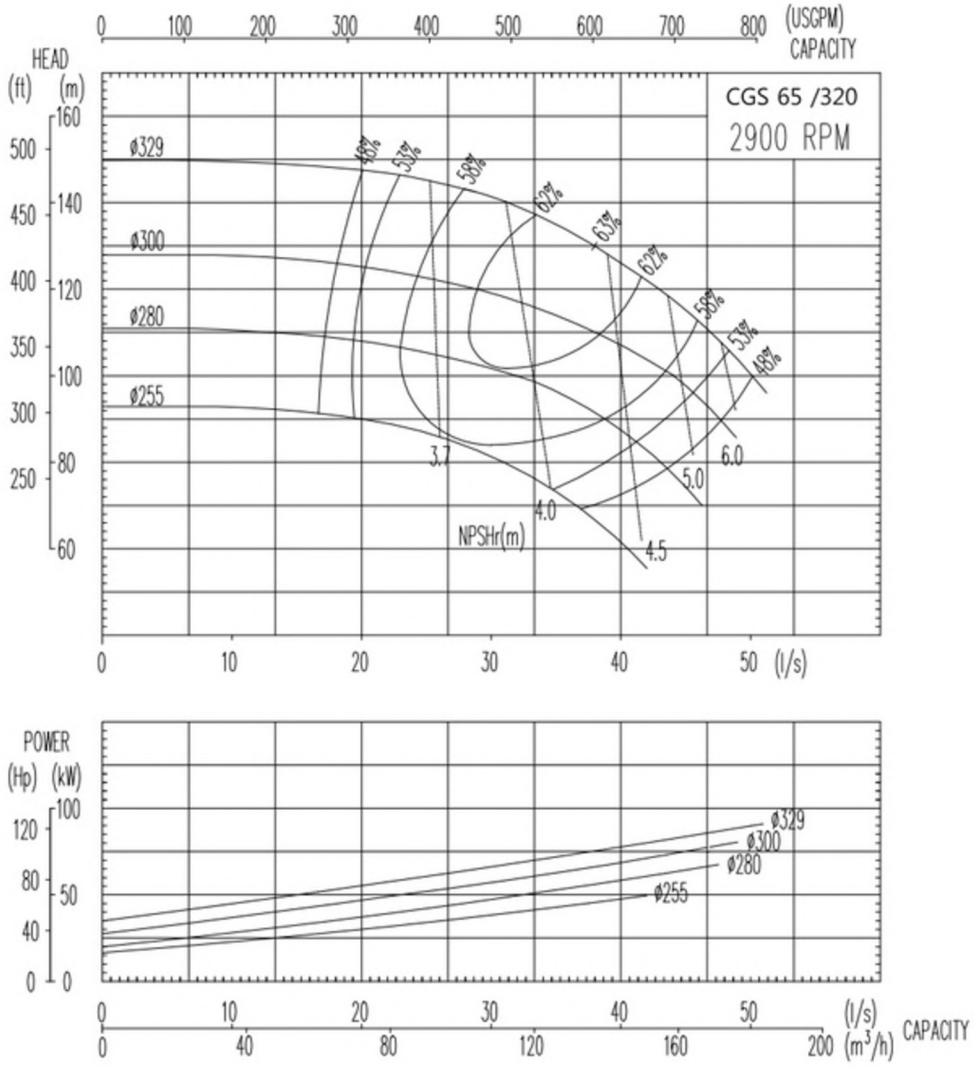


Project name				Equipement number	/		
Capacity Q(m³/h)		Efficiency η(%)		Sharft power (kw)		Neurogen	/
Head H(m)		NPSHr (m)		Motor power (kw)		Specific gravity	/

PERFORMANCE CURVE

PERFORMANCE CURVE

Pump Model	Speed	Impeller form	Inlet caliber	Export caliber	Curve no.
CGS 65 - 320	2950 r/min	Closed	DN 80 mm	DN 65 mm	

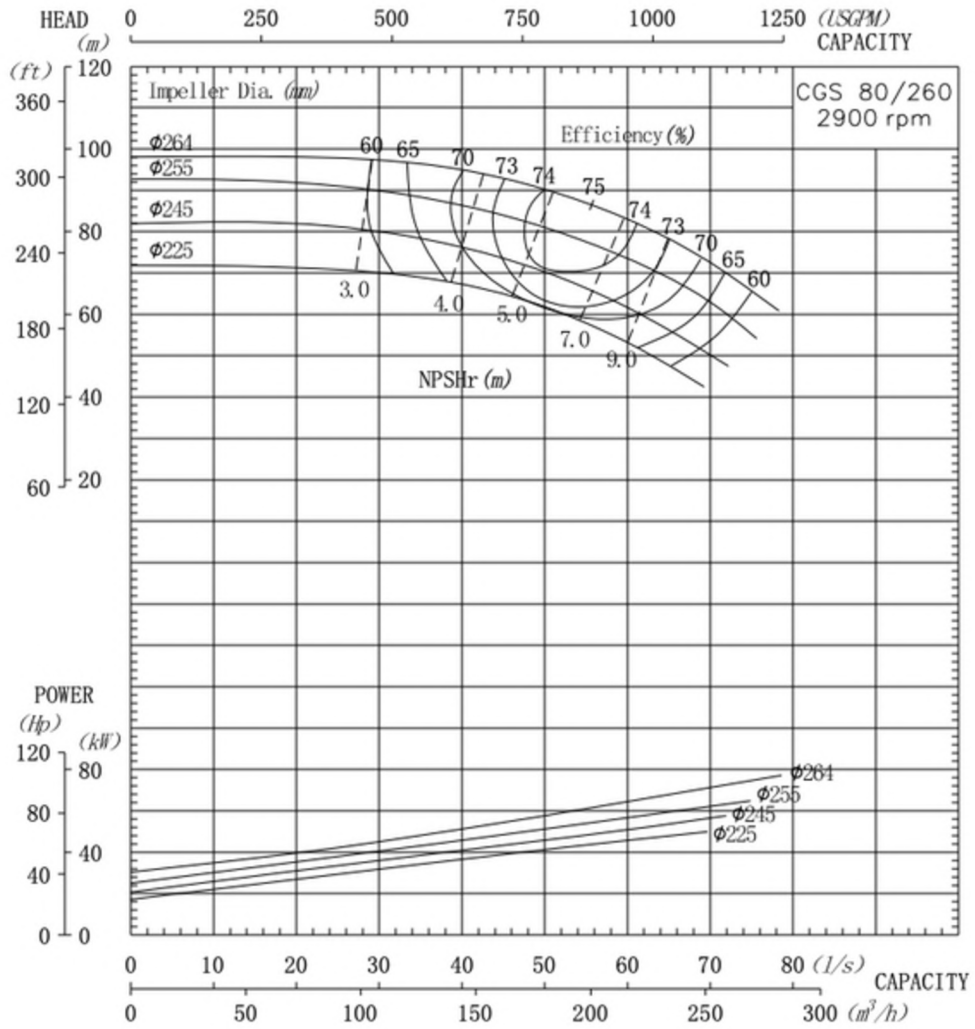


Project name				Equipement number	/		
Capacity Q(m³/h)		Efficiency η(%)		Sharft power (kw)		Neurogen	/
Head H(m)		NPSHr □m □		Motor power (kw)		Specific gravity	/

PERFORMANCE CURVE

PERFORMANCE CURVE

PUMP MODEL	SPEED	IMPELLER	INLET	OUTLET	Curve Number
CGS 80 - 260	2950 RPM	CLOSED	DN 100 mm	DN 80 mm	NO 3

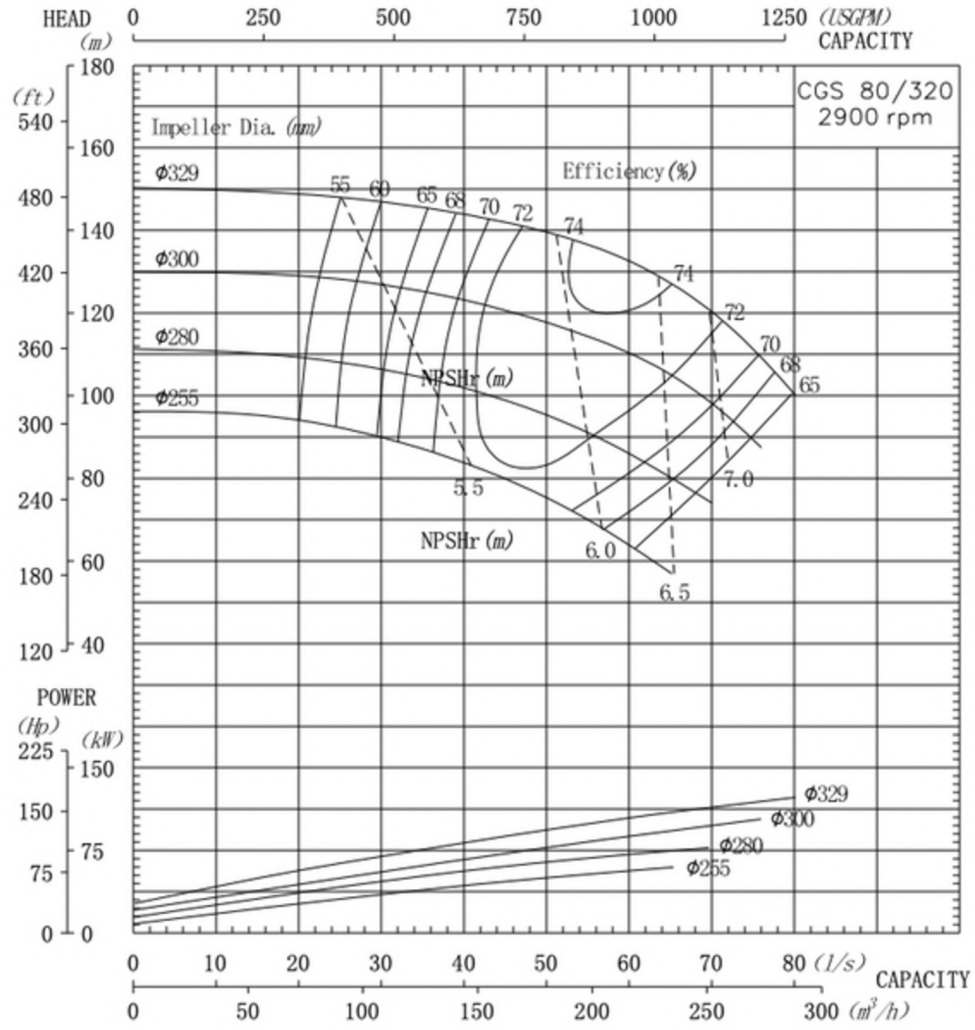


Project name				Equipement number	/		
Capacity Q(m³/h)		Efficiency η(%)		Sharft power (kw)		Neurogen	/
Head H(m)		NPSHr (m)		Motor power (kw)		Specific gravity	/

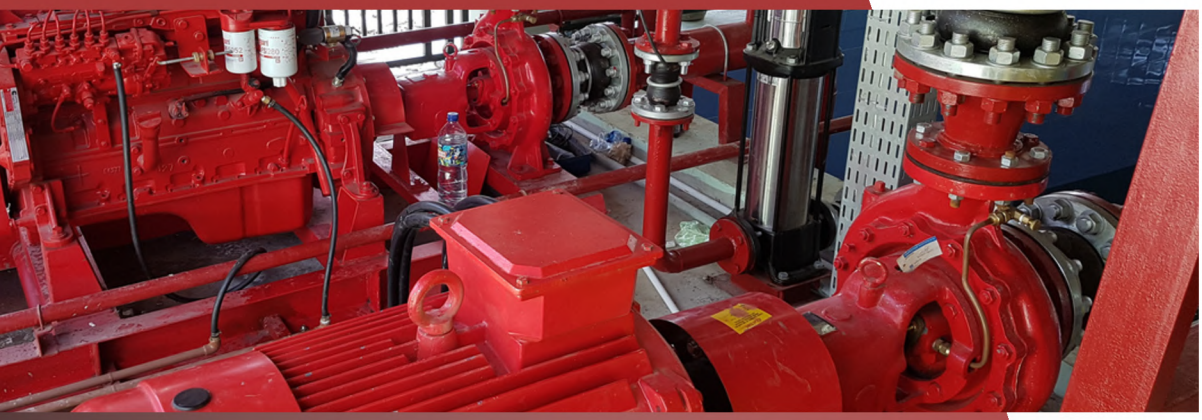
PERFORMANCE CURVE

PERFORMANCE CURVE

PUMP MODEL	SPEED	IMPELLER	INLET	OUTLET	Curve Number
CGS 80 - 320	2950 RPM	CLOSED	DN 100 mm	DN 80 mm	NO 4



Project name				Equipement number	/		
Capacity Q(m³/h)		Efficiency η(%)		Sharft power (kw)		Neurogen	/
Head H(m)		NPSHr (m)		Motor power (kw)		Specific gravity	/



CSM
PUMPS

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