



PUMPIRAN



راهنمای انتخاب پمپ‌های عمودی طبقاتی استیل

PCR

Vertical Multi Stage Steel Pumps

50 Hz

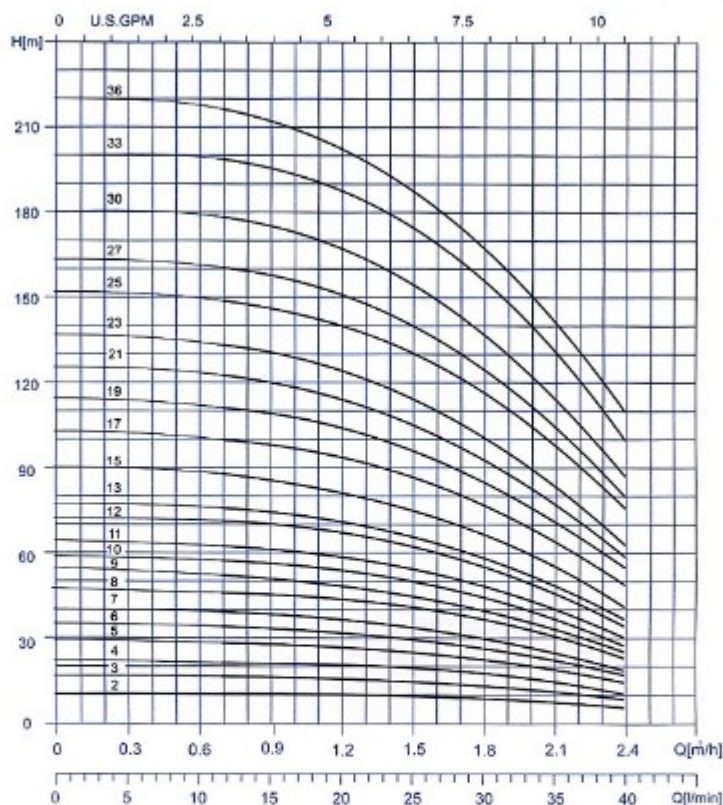


Vertical Multistage Centrifugal in - line Pump

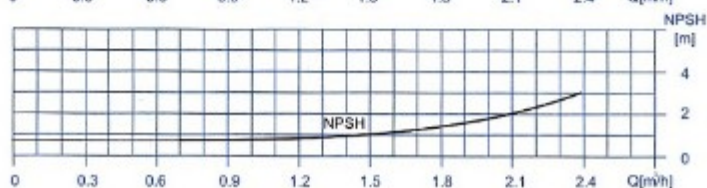
Maximum operating and inlet pressures

Pump size	Stages	Maximum Operating Pressure	Stage	Maximum Inlet Pressure
PCR 1	2-36	25bar	2-36	10bar
PCR 3	2-36	25bar	2-29	10bar
			31-36	15bar
PCR 5	2-36	25bar	2-16	10bar
			18-36	15bar
PCR 10	1-16	16bar	1-6	8bar
	17-22	25bar	7-22	10bar
PCR 15	1-10	16bar	1-3	8bar
	12-17	25bar	4-17	10bar
PCR 20	1-10	16bar	1-3	8bar
	12-17	25bar	4-17	10bar
PCR 32	(1-1)-7	16bar	(1-1)-4	4bar
	(8-2)-14	30bar	(5-2)-10	10bar
			(11-2)-14	15bar
PCR 45	(1-1)-5	16bar	(1-1)-2	4bar
	(6-2)-11	30bar	(3-2)-5	10bar
	(12-2)-(13-2)	33bar	(6-2)-(13-2)	15bar
PCR 64	(1-1)-5	16bar	(1-1)-(2-2)	4bar
	(6-2)-(8-1)	30bar	(2-1)-(4-2)	10bar
			(4-1)-(8-1)	15bar
PCR 90	(1-1)-4	16bar	(1-1)-1	4bar
	(5-2)-6	30bar	(2-2)-(3-2)	10bar
			3-6	15bar
PCR 120	1-7	30bar	1-(2-1)	10bar
			2-(5-1)	15bar
			(6-1)-7	20bar
PCR 150	(1-1)-6	30bar	(1-1)-1	10bar
			(2-1)-(4-1)	15bar
			(5-2)-6	20bar

*Rule to follow: The inlet pressure + the pressure against a closed valve < Max. Operating pressure

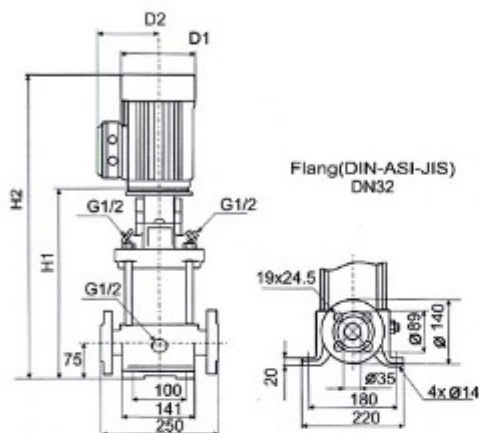


ISO 9906:2012 Grade 3B



Vertical Multistage Centrifugal in - line Pump

Dimensions and weights - PCR 1



General Specification

Output size:	25 to 125 mm
Capacity:	0.7-180 m ³ /hr
Head:	275 m
Operation Temperature:	-15 to +120
Main Connection (1 -[v/Hz]):	220-240 V, 50 Hz
Main Connection (3 -[v/Hz]):	380-415 V, 50 Hz
Insulation Class:	F
Enclosure Class:	IP 55
Ambient Temperature:	50°C

Pump type	Motor		Pump Flanges (mm)	PCR				Net weight (kg)
	P [KW]	rpm		Dimension(mm)				
				DIN flange		D1	D2	DIN flange
				H1	H2			
PCR 1-2	0.37	2900	32	279	474	141	115	23.4
PCR 1-3	0.37			279	474	141	115	23.4
PCR 1-4	0.37			297	492	141	115	23.8
PCR 1-5	0.37			333	528	141	115	24.2
PCR 1-6	0.37			315	510	141	115	24.5
PCR 1-7	0.37			351	546	141	115	24.9
PCR 1-8	0.55			369	564	141	115	25.8
PCR 1-9	0.55			387	582	141	115	26.1
PCR 1-10	0.55			405	600	141	115	26.5
PCR 1-11	0.55			423	618	141	115	26.9
PCR 1-12	0.75			447	682	141	115	29.4
PCR 1-13	0.75			465	700	141	115	29.8
PCR 1-15	0.75			501	736	141	115	30.5
PCR 1-17	1.1			537	772	141	115	32.3
PCR 1-19	1.1			573	808	141	115	33.1
PCR 1-21	1.1			609	844	141	115	33.8
PCR 1-23	1.1			645	880	141	115	34.6
PCR 1-25	1.5			697	988	177	141	44.0
PCR 1-27	1.5			733	1024	177	141	44.8
PCR 1-30	1.5			787	1078	177	141	45.9
PCR 1-33	2.2			841	1132	177	141	49.9
PCR 1-36	2.2			895	1186	177	141	51.0