

PRAKASH

Quality, Reliability, Life

Duty Standby Pressure Booster & Transfer Pumpset



www.prakashpump.com

DESCRIPTION

The Duty Standby Booster system is mainly use for pressure boosting and water transfer. The pressure booster system is a fully integrated package. There are many applications for different purposes and maintain constant pressure for many useful applications.

APPLICATIONS

The Appropriate applications are as follow;

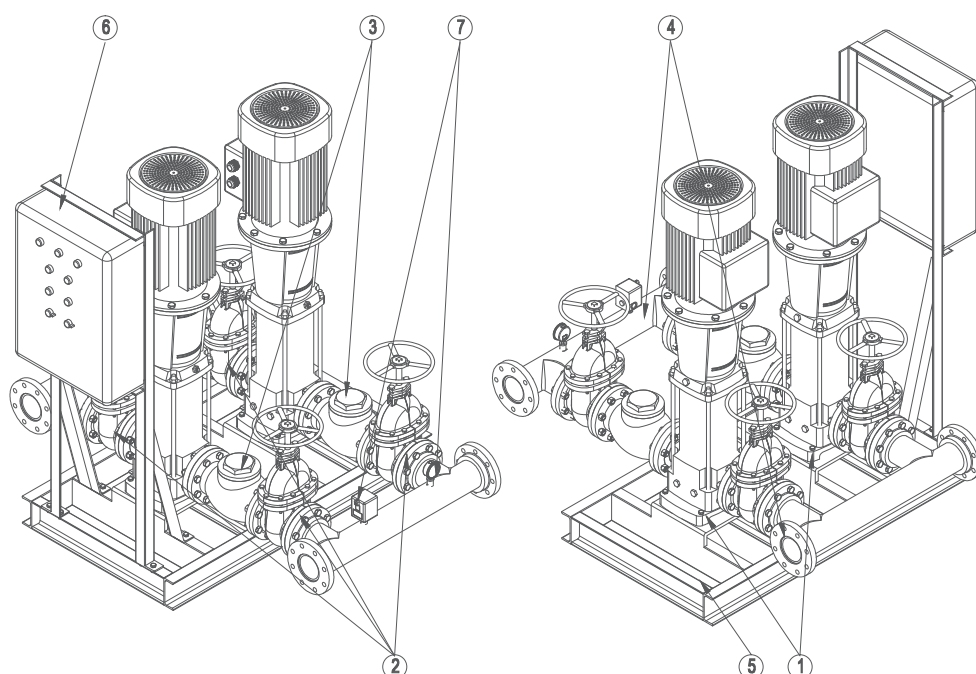
Hotels, Hospitals, High rise residential apartments, High rise commercial buildings, Shopping centers, Low rise buildings, Cold water Boosting, Rainwater harvesting, Municipal Water Supply, Dust Suppression, Agricultural systems, Dairy, Irrigation, Industrial Water Supply, Mining Civil Services.

BENEFITS & EASE OF USE

The system consists of parallel pump set, pump controllers, and the necessary mechanical fittings. It is suitable for a 2, 3 or 4 pumps of any type and the unique electronic hydraulic control ensures each pump operates at its maximum performance level by allocating optimal power to each pump. The duty stands by and parallel pump sets has been specifically designed from the ground up based on feedback. The system is simple to use and parallel pumps running is maintain the same pressure at same flow.

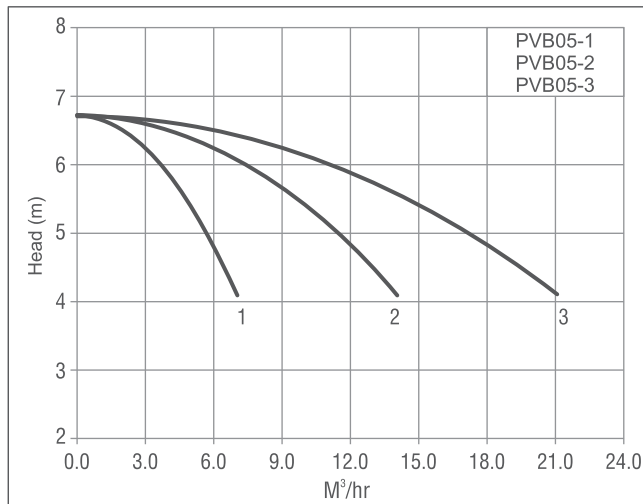
Prakash Vertical Multistage Stainless Steel Booster & Transfer System

PVMP64-4-2 PUMP MATERIAL OF CONSTRUCTION		
SR.NO.	DESCRIPTION	QTY.
1	Vertical multistage stainless steel pump PVMP64-4-2	2
2	Gate Valve Pn16	4
3	No return Valve Pn16	2
4	Pipe steel Pn16- With suction and discharge	As required
5	Foundation	As required
6	Control panel - Suitable for Duty Standby with timer	1
7	Other accessories	As required

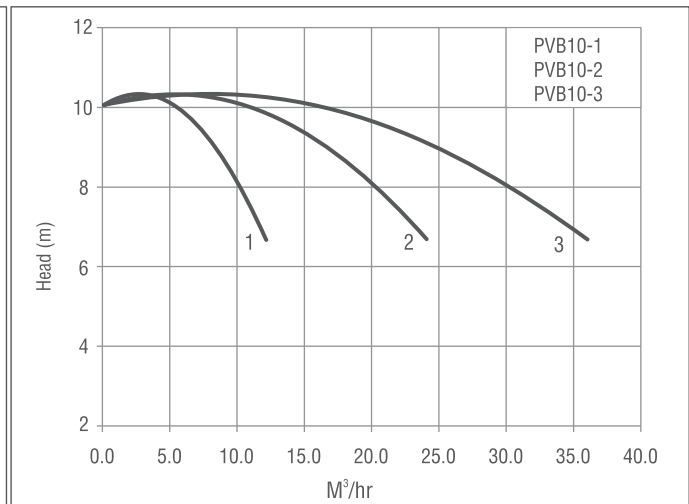


Duty Standby Pressure Booster & Transfer Pumpset

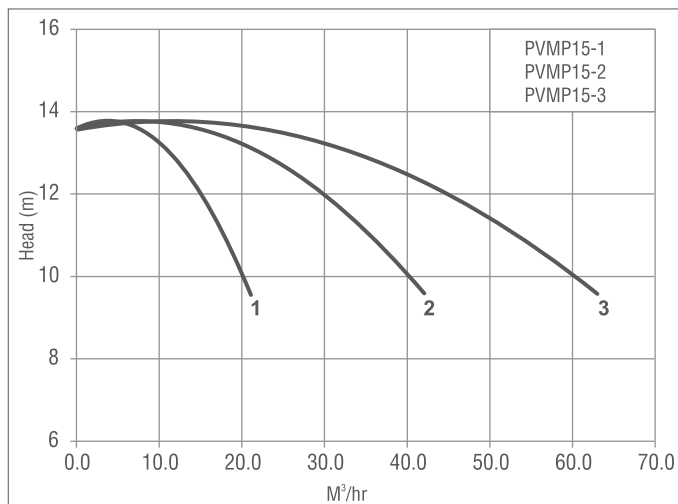
PRAKASH



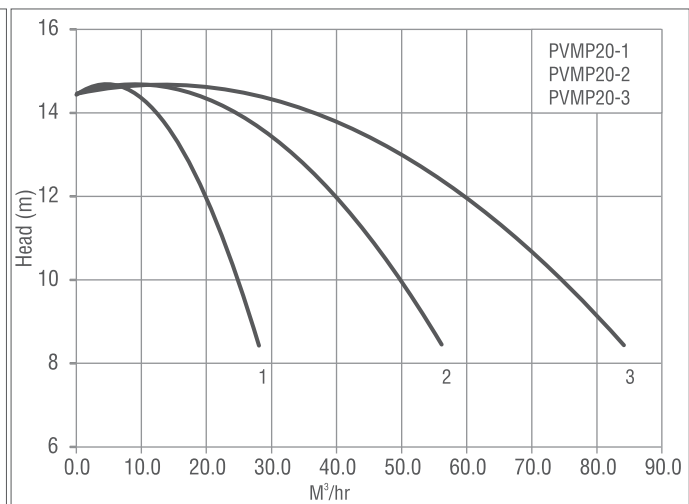
Parallel Running Pumps



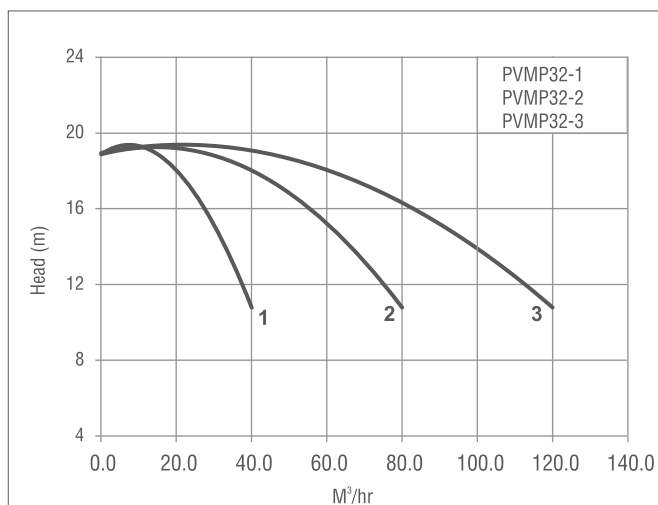
Parallel Running Pumps



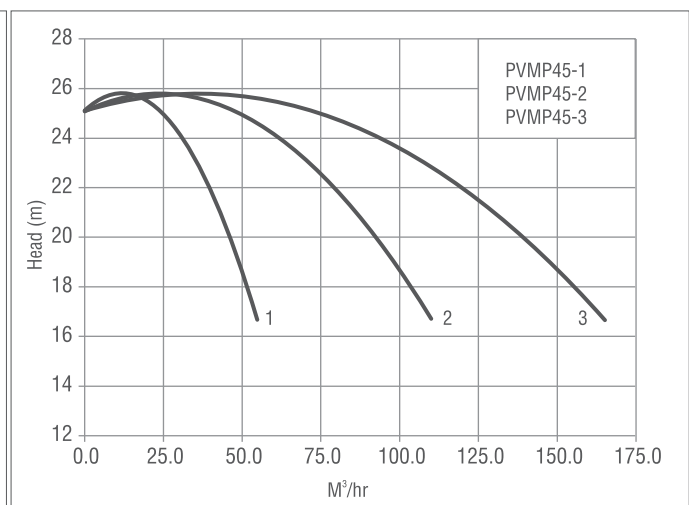
Parallel Running Pumps



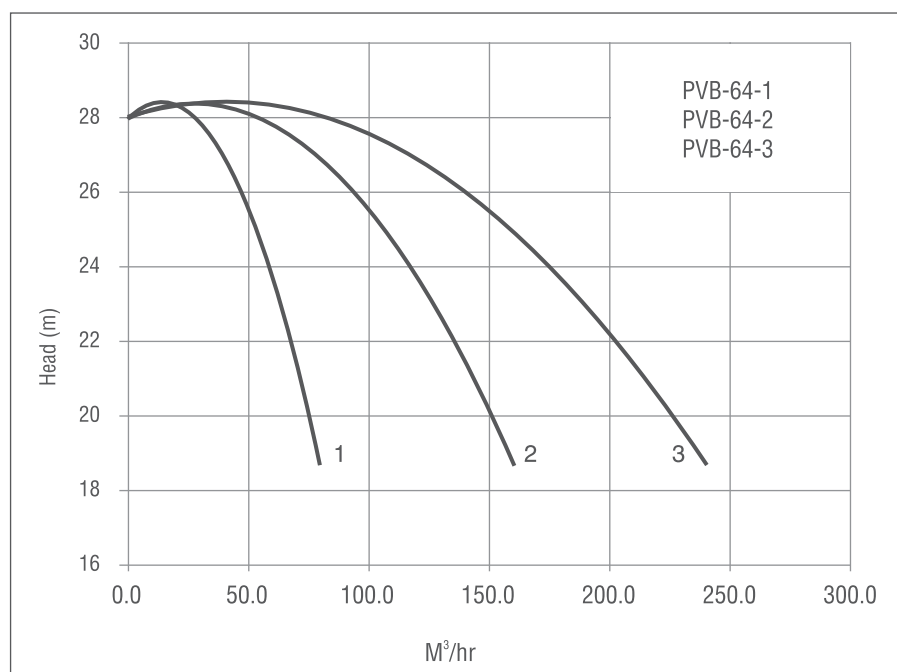
Parallel Running Pumps



Parallel Running Pumps



Parallel Running Pumps



Curve for Parallel Running Pumps

For Detail Performance Please refer "PRAKASH Vertical multistage Catalogue" or www.prakashpump.com

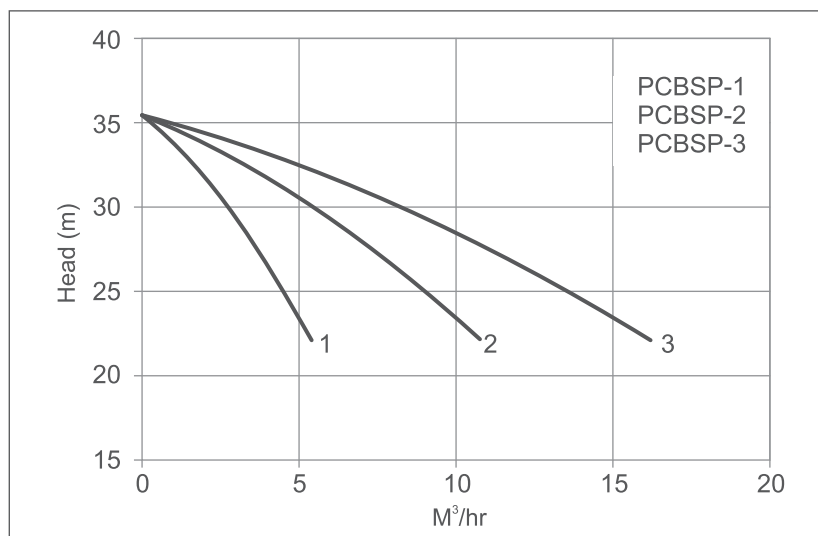
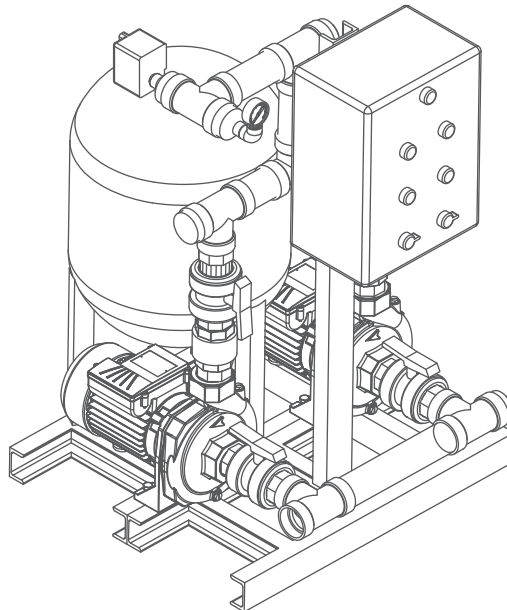
PRODUCT RANGE VERTICAL SERIES

SR. NO.	Discription	Model						
		PVB-5	PVB-10	PVB-15	PVB-20	PVB-32	PVB-45	PVB-64
1	Rated flow (m3/h)	5	10	15	20	32	45	64
2	Flow range (m3/h)	2.5-8.5	5-13	8-23	10.5-29	15-40	22-58	30-85
3	Max. Pressure (bar)	24	22	23	25	28	33	22
4	Motor power (kW)	0.37-4	0.37-7.5	1.1-15	1.1-18.5	1.5-30	3-45	4-45
5	Temperature range (°C)	15°C to +120°C						
6	Max. Pump efficiency(%)	60	65	70	72	78	79	80
Pipe connection for PVR								
7	Oval flange	G1 1/4	-	-	-	-	-	-
8	DIN flange	-	DN42	DN50	DN50	Dn65	DN80	Dn100
Pipe connection for PVS								
10	Oval flange	-	-	-	-	-	-	-
11	DIN flange	DN32	DN42	DN50	DN50	Dn65	DN80	Dn100
12	Clamp connector	ø42	-	-	-	-	-	-
13	Thread connector	G1 1/4	-	-	-	-	-	-

Abbreviation: PVB: Prakash Vertical Booster System

Identification : PVR: Cast iron base & pump cover
: PVS: Stainless steel wetted parts

PRAKASH DOMESTIC CENTRIFUGAL PUMP BOOSTER & TRANSFER SYSTEM



Curve for Parallel Running Pumps
For Detail Performance Please refer "PRAKASH Peripheral and Centrifugal Catalogue" or www.prakashpump.com

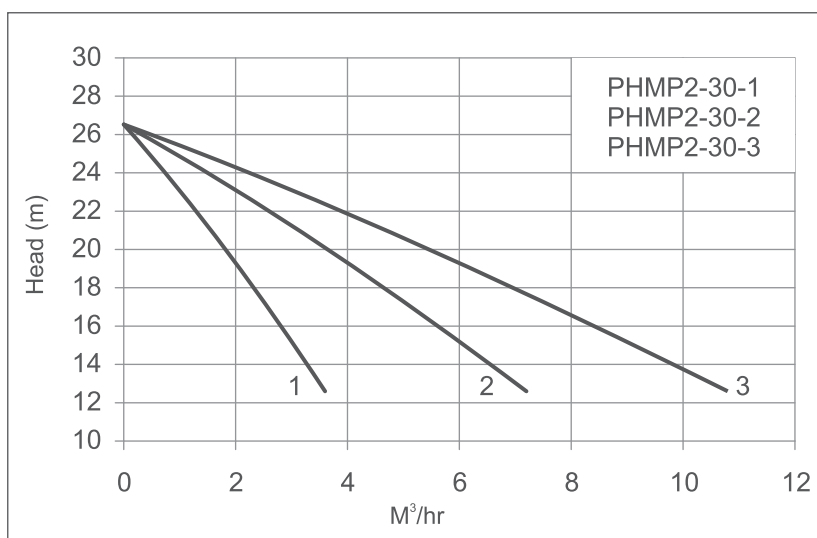
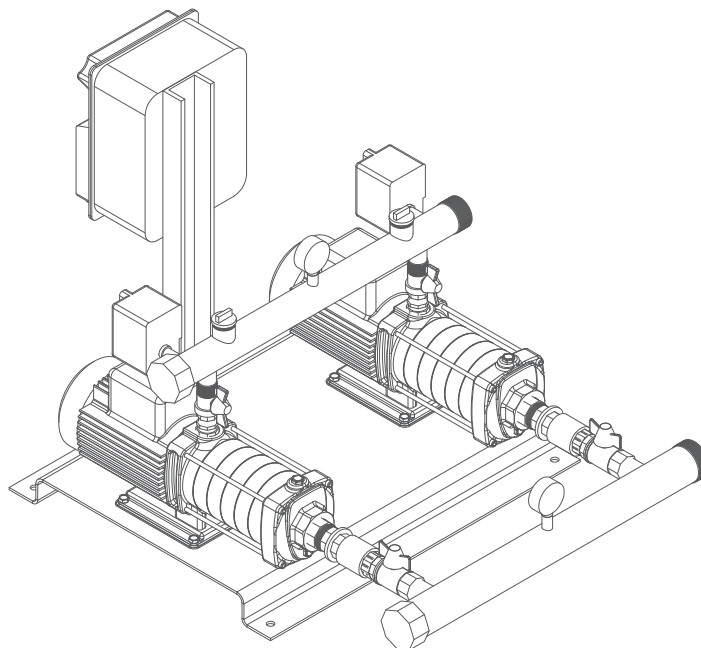
HYDRAULIC PUMP PERFORMANCE CHART

Model	Power		PHASE	Inlet/ Outlet	Max. Flow (m ³ /hr)	Max. Head (m)	Max. Suction (m)
	kw	HP					
PCBSP-10	0.75	1	1 PHASE	1" x 1"	6	35	8
PCBSP-15	1.5	1.5		1 1/4" x 1"	10	36	
PCBSP-15A	1.1	1.5		2" x 2"	25.5	25	
PCBSP-20A	1.5	2		2" x 2"	25.5	30	
PCBSP-30A	2.2	3		3" x 3"	27	34	
PCBSP-30	2.2	3		3" x 3"	72	19	

Abbreviation: PCBSP: Prakash Centrifugal Booster System Single Phase

Note: Available in 3 Phase on demand

PRAKASH HORIZONTAL MULTISTAGE STAINLESS STEEL PUMP PRESSURE BOOSTER & TRANSFER SYSTEM



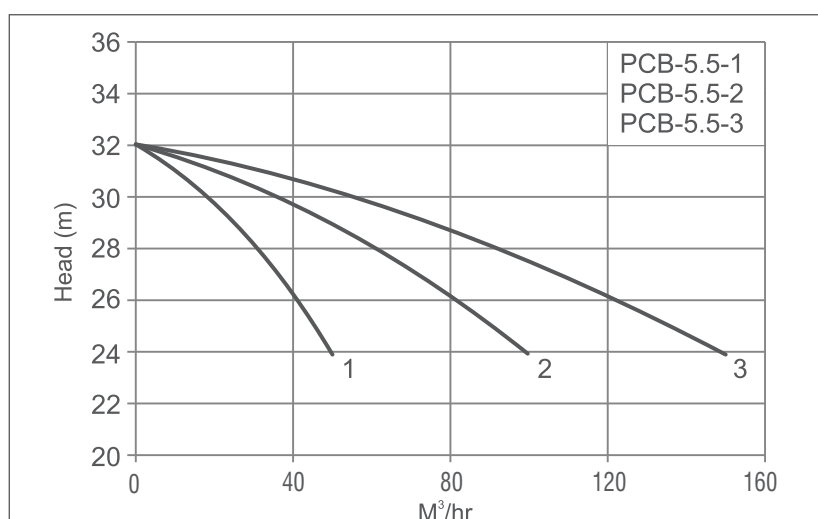
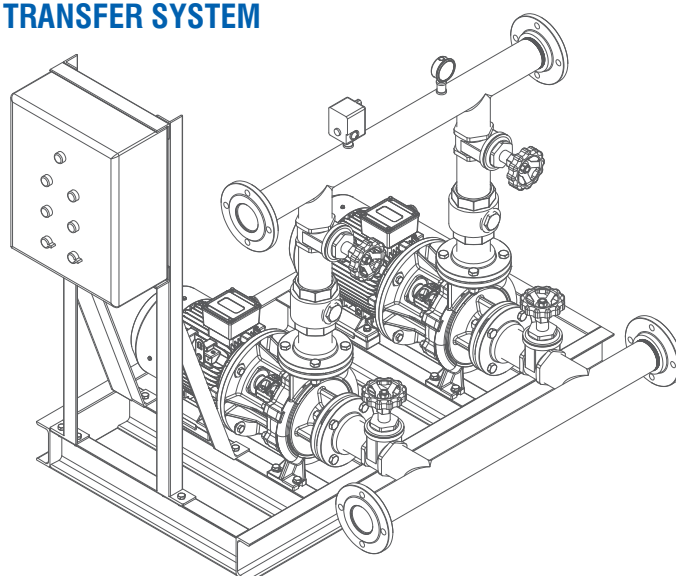
Curve for Parallel Running Pumps
For Detail Performance Please refer "PRAKASH Horizontal Multistage
Stainless Steel Pump Catalogue" or www.prakashpump.com

HYDRAULIC PERFORMANCE CHART

Model	Power		PHASE	Inlet/ Outlet	Max. Flow (m³/hr)	Max. Head (m)	Max. Suction (m)
	kw	HP					
PHMB2-30	0.37	0.5	Single and Three Phase	1" x 1"	3.6	27	8
PHMB2-50	0.55	0.75				45	
PHMB2-60	0.75	1				53	
PHMB4-30	0.75	1		1 1/4" x 1"	7	28	
PHMB4-60	1.1	1.5				58	

Abbreviation: PHMB: Prakash Horizontal Multistage Stainless Steel Booster System

CENTRIFUGAL MONOBLOCK AND SOLO PRESSURE BOOSTER & TRANSFER SYSTEM



Curve for Parallel Running Pumps For Detail Performance Please refer "PRAKASH Centrifugal Monoblock & Solo Pump Catalogue" or www.prakashpump.com

CENTRIFUGAL MONOBLOCK PERFORMANCE

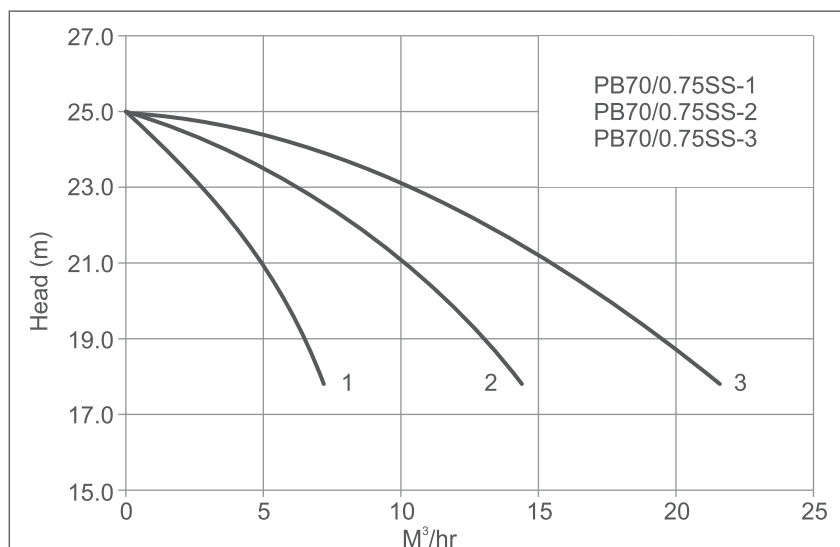
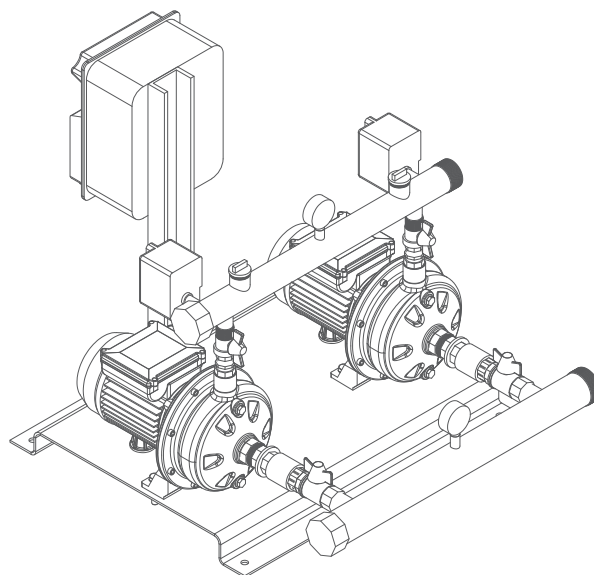
Model	Power		PHASE	INLET/ OUTLET	Max. Flow (m³/hr)	Max. Head (m)	Max. Suction (m)
	kw	HP					
PCB-5.5	4	5.5	3 PHASE	2.5" x 2.5"	40	32	8
PCB-7.5	5.5	7.5		2.5" x 2.5"	50	28	
PCB-10	7.5	10		3" x 3"	90	32	
PCB-15	11	15		3" x 3"	90	44	

SOLO PUMP PERFORMANCE

Model	Power		PHASE	INLET/ OUTLET	Max. Flow (m³/hr)	Max. Head (m)	Max. Suction (m)
	kw	HP					
PSB-10	7.5	10	3 PHASE	3" X 3"	72	45	8
PSB-15	11	15			90	55	
PSB-20	15	20			90	65	
PSB-30	22	30			90	88	

Abbreviation: PCB: Prakash Centrifugal Booster System | PSB: Prakash Solo Booster System

CENTRIFUGAL STAINLESS STEEL PUMP PRESSURE BOOSTER & TRANSFER SYSTEM



Curve for Parallel Running Pumps
For Detail Performance Please refer "PRAKASH Centrifugal
Stainless Steel Pump Catalogue" or www.prakashpump.com

Performance Centrifugal Stainless Steel Pump

Model	Power		INLET/ OUTLET	Max. Flow (m³/hr)	Max. Head (m)	Max. Suction (m)
	kw	HP				
PB70/0.75	0.75	1	1.25" X 1"	7.2	25	8
PB70/1.1	1.1	1.5	1.25" X 1"	9.6	34	
PB70/1.5	1.5	2	1.25" X 1"	10.8	39	
PB120/1.1	1.1	1.5	1.25" X 1"	10.8	30	
PB120/1.5	1.5	2	1.25" X 1"	10.8	35	
PB120/2.2	2.2	3	1.25" X 1"	10.8	42	
PB200/1.5	1.5	2	1.5" X 1"	15.6	30	

Abbreviation: PB: Prakash Centrifugal Stainless Steel Booster System

PRAKASH

Office in India

PRAKASH PUMP

Survey No. 479, Opp. Supreme Estate-1, Zak Kadadara Road, Vill. - Kadadara,
Tal. Dahegam, Gandhinagar, Gujarat 382305 INDIA E-mail: sale@prakashpump.com

Distributor Office for Middle East

PRAKASH PUMP EST

P.O. Box: 20973 Industrial Area Al Ain (United Arab Emirates)
Tel.: +971 3 7222733 Mob.: +971 50 6731283 E-mail: sale@prakashpump.com

Distributor Office for Oman

GLOBAL EQUIPMENT MATERIAL CO. LLC

P.O. Box. 227, Postal Code: 320 Nakhal Road, Barka (Sultanate of Oman)
Tel.: +968 26883982 Mob.: +968 94584686 E-mail: oman@prakashpump.com

Distributor Office for Saudi Arabia

PRAKASH PUMP INDUSTRY

P.O. Box 14327, Bldg. 3616, Al Marwah 6447, Al Mishaal Riyadh City, (Kingdoms of Saudi Arabia)
Sulay Exit 18. Mobile: +966 539811109 Email: saudi@prakashpump.com

Factory Address

PANJI ENGINEERING PVT LTD

Survey No. 479, Opp. Supreme Estate-1, Zak Kadadara Road, Vill. - Kadadara,
Tal. Dahegam, Gandhinagar, Gujarat 382305 INDIA E-mail: sale@prakashpump.com



To get
Quotation by email



These images given are only for illustration purpose
for further details contact the sales team at
sale@prakashpump.com / oman@prakashpump.com
/ saudi@prakashpump.com



To get
Website

