

DongHwa Pneutec

MARINE AIR COMPRESSORS

WATER COOLED TYPE
AIR COOLED TYPE
SCREW TYPE



DONGHWA PNEUTEC CO., LTD.
BUSAN, KOREA

2 STAGE, WATER COOLED, STARTING AIR COMPRESSOR

H-63, 64, 73, 74
H-264, 273, 274
H-373, 374

PRESSURE : 25~30 kg/cm² (2.45~2.94 MPa)

CAPACITY : 60 ~ 800 m³/h

MOTOR : 15 ~ 132 kW

TYPE : 1, 2, 3 cylinder, vertical

- Various range of capacity.
- Reliable pressure oil lubrication by oil pump.
- Easy and compact to assemble and disassemble.
- Short stroke machine for compact dimensions.



H-373

SPECIFICATION

Model No.	Speed (r.p.m.)	25 kgf/cm ²			30 kgf/cm ²		
		Capacity m ³ /h(FA)	Power required PS	Motor (kW)	Capacity m ³ /h(FA)	Power required PS	Motor (kW)
H - 63	1,200	65	16.5	15	60	17	15
	1,500	80	20	18.5	75	21	18.5
	1,800	95	25	22	90	26.5	22
H - 64	1,200	85	23	18.5	80	24	18.5
	1,500	105	29	30	100	30	30
	1,800	125	36.5	30	120	37.5	30
H - 264	1,200	170	45.5	37	160	48	37
	1,500	210	57	55	200	60	55
	1,800	250	70.5	60	240	73.5	60
H - 73	1,200	110	28	30	105	29	30
	1,500	135	35	30	130	36	30
	1,800	160	46	37	155	47	37
H - 74	1,200	140	35	30	135	36	30
	1,500	175	45	37	170	46	37
	1,800	205	58	55	200	60	55
H - 273	1,200	220	55	45	215	58	45
	1,500	275	69	75	270	73	75
	1,800	325	86	75	320	88	75
H - 274	1,200	275	70	55	270	73	55
	1,500	340	88	75	335	91	75
	1,800	405	108	90	400	111	90
H - 373	1,200	330	83	75	320	87	75
	1,500	410	104	90	400	109	90
	1,800	485	128	110	475	132	110
H - 374	1,200	415	105	90	405	110	90
	1,500	515	130	110	505	135	110
	1,800	610	162	132	600	168	132

LEGEND : Capacity (free air) referred to inlet condition, measured according to vessel charging test method.

※ Some specifications in this catalogue may change without notice.

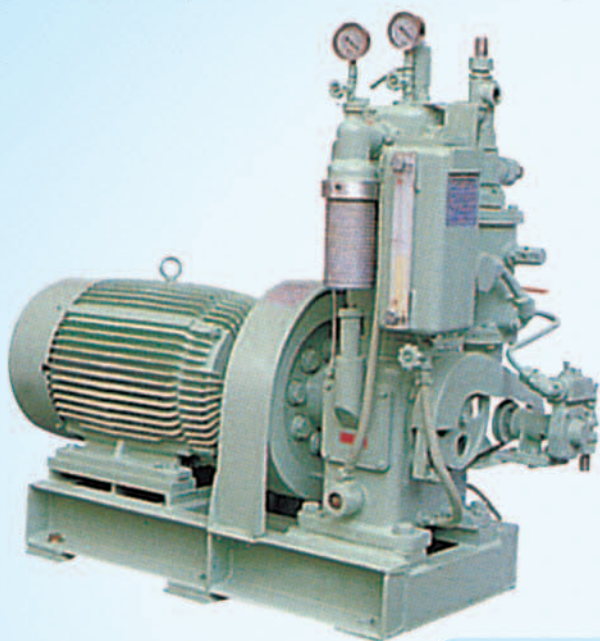
DONGHWA PNEUTEC'S LONG BROAD HARD EXPERIENCES ARE NOW AT YOUR SERVICE.

2 STAGE, WATER COOLED, STARTING AIR COMPRESSOR

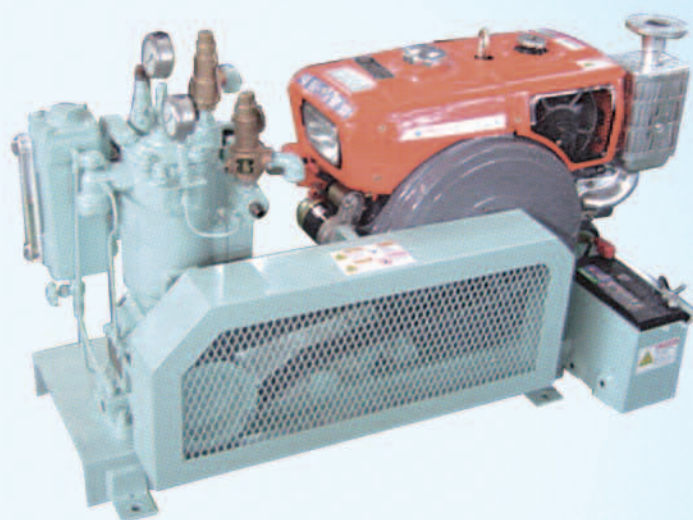
CMS-54(E) / CMS-75A(E)
CMS-85 / CMS-92A
CMH-111 / CMH-114A

PRESSURE : 30 kg/cm² (2.94 MPa)
 CAPACITY : 3.7~65 m³/h
 MOTOR : 2.2~19 kW
 TYPE : 1 cylinder, vertical

- Long service life.
- Suitable for small & medium vessel (15,000 DWT below).
- Compact size and small installation area.
- Easy combine with diesel engine (emergency starting).



CMH-114A



CMS-75E

SPECIFICATION

MODEL	CYLINDER	SPEED (RPM)	CAPACITY F.A (m³/h)	PRESSURE kg/cm² (MPa)	MOTOR or ENGINE		AIR OUTLET		
					Hz	kW			
CMS-54	1 CYLINDER	1000	3.7	30 (2.94)	50	2.2	30K-15A		
CMS-54E*		1200	4.5	30 (2.94)	60				
		1500	5	30 (2.94)	-	10PS			
CMS-75A	1 CYLINDER	1000	12	30 (2.94)	50	5.5		30K-15A	
CMS-75E*		1200	15	30 (2.94)	60				
		1200	15	30 (2.94)	-	10PS			
CMS-85	1 CYLINDER	1000	21	30 (2.94)	50	7.5	30K-25A		
		1200	26	30 (2.94)	60				
CMS-92A	1 CYLINDER	1000	27	30 (2.94)	50	11			30K-25A
		1200	32.5	30 (2.94)	60				
CMH-111	1 CYLINDER	1000	44	30 (2.94)	50	15		30K-25A	
		1200	53	30 (2.94)	60				
CMH-114A	1 CYLINDER	1000	54	30 (2.94)	50	19	30K-25A		
		1200	65	30 (2.94)	60				

“*” Mark means diesel engine driven type.

* F.A (free air), tolerance $\pm 5\%$.

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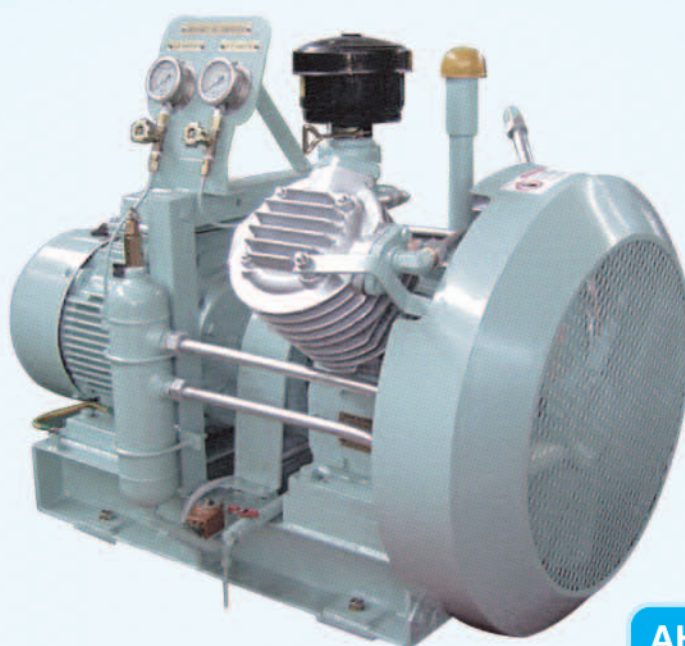
NEWLY DEVELOPED, DONGHWA PNEUTEC MARINE AIR COMPRESSOR SERIES FOR STARTING USE.

1, 2, 3 STAGE, AIR COOLED, STARTING & SERVICE AIR COMPRESSOR

AH-5(E) / CMA-15(E)
AHV-30(E) / AHW-40A
AHW-60A / AHW-105
ALV-65 / ALW-95

PRESSURE : 7~10, 30 kg/cm² (0.69, 2.94 MPa)
 CAPACITY : 5~105 m³/h
 MOTOR : 2.2~30 kW
 TYPE : 1, 2, 3 cylinder vertical, V&W

- Low installation cost : eliminates for cooling water system.
- Low maintenance cost : simple design and construction.
- Easy to handle, disassemble.
- Radiator type air and oil cooler. (AHW, ALW type)



AHV-30

SPECIFICATION

MODEL	CYLINDER	SPEED (RPM)	CAPACITY F.A (m³/h)	PRESSURE kg/cm² (MPa)	MOTOR or ENGINE		AIR OUTLET	
					Hz	kW		
ALV-65	2 CYLINDER	1000	54	7 (0.69)	50	11	10K-25A	
		1200	65	7 (0.69)	60			
ALW-95	3 CYLINDER	1000	79	7 (0.69)	50	15	10K-25A	
		1200	95	7 (0.69)	60			
AH-5*	1 CYLINDER	1500	5	30 (2.94)	V-BELT	2.2	30K-15A	
CMA-15	1 CYLINDER	1040	15	30 (2.94)		3.7		
CMA-15E*		1040	15	30 (2.94)		6PS		
AHV-30	2 CYLINDER	1000	25	30 (2.94)	50	7.5	30K-25A	
AHV-30E*		1200	30	30 (2.94)	60			
	AHW-40A	1000	34	30 (2.94)	50	11		
1200		40	30 (2.94)	60				
AHW-60A	3 CYLINDER	1000	50	30 (2.94)	50	15		
		1200	60	30 (2.94)	60			
AHW-105	3 CYLINDER	1000	88	30 (2.94)	50	30		30K-32A
		1200	105	30 (2.94)	60			

“*” Mark means diesel engine driven type.

* F.A (free air), tolerance $\pm 5\%$.

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QUALITY AND SERVICE ARE OUR MOST IMPORTANT CONCERN.

1 STAGE, AIR COOLED, SERVICE & CONTROL AIR COMPRESSOR

ZS-7.5B / ZS-15B
ZS-22B / ZS-37D

PRESSURE : 7~13 kg/cm² (0.69~1.27 MPa)

CAPACITY : 42~393 m³/h

MOTOR : 7.5~37 kW

TYPE : 1 stage screw, v-belt, direct

- Low noise and vibration by sound proofed type.
- Easy and compact to assemble and disassemble.
- Simple control and monitoring.
- Simple maintenance parts.



SPECIFICATION

MODEL	NOISE (dB)	Oil carry over(PPM)	CAPACITY F.A (m ³ /h)			MOTOR				AIR OUTLET	COOLING METHOD
			7 kg/cm ²	9 kg/cm ²	13 kg/cm ²	Driven	kW	(V)	Hz		
ZS-7.5B	69	3	60	54	42	V-belt	7.5	220	50 or 60	20A	Air
ZS-15B	69	3	130	115	90		15	or 380			
ZS-22B	76	3	213	180	150		22	or 440			
ZS-37D	76	3	393	330	265	Direct coupling	37			32A	

* The above facts of performance are recognized officially by national institute of technique quality.

* It measured in 1M distance based on ISO 2151(±3dB).

* F.A(free air), tolerance ±5%.

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DONGHWA PNEUTEC LEADS THE COMPRESSED AIR WORLD.



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YOUR LOCAL AGENT

Customers Are Always Our Top Priority

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